N. H. Kassabian

Rest

Smyrne

Turquie d'Asie

Watch ye,
stand fast in the
faith. 1 Cor XVI 13

M. N. H. Kassabian

Rest

Smyrne

Turquie d'Asie

Smyrna May 18. 89.

Dear Sir

Last week I enjoyed your Botany and thought to write a letter and ask you wheater would you like to have Turkish flowers both wild and cultivated especially the latter. I can send you good many wild Turkish flowers, quite well pressed.

Hoping to be favoured from you

I remain, Dear Sir
Your obediant servant
N. H. Kassabian

Aschersheim Upper Austria
April 16 1879.

Sir

Your list of Florida plants came duly to hand.
I have received <u>two</u> orders for your Complete sets of 500 species. The subscribers however, wish to know my judgement as well as the costs of transport.
If you are willing to forward me two sets I will purchase them supposing that they are satisfying what I do not doubt.
In order to secure you about my solvency please inquire to Mr. Canby (Wilmington)

Mr. Clinton (Buffalo)
Mr. Webb (Fauntaindale)
Mr. Chas Keck (Allentown)
Mr. Ch. Mohr (Mobile).
I am in relation with
these gentlemen since
many years.
Hoping to hear from
you I am
Very Respectfully
Yours
Dr. K Keck

SOUTH DAKOTA
AGRICULTURAL COLLEGE AND EXPERIMENT STATION.
DEPARTMENT OF
FORESTRY, HORTICULTURE AND BOTANY.

CHAS. A. KEFFER, PROFESSOR IN CHARGE.
TOM A. WILLIAMS, INSTRUCTOR IN BOTANY.

Brookings, S. D., Mar 20 1891.

Professor Sereno Watson
Cambridge Mass.

Dear Sir,

Mr. Williams has handed me your note of 16th inst. giving prices of your own and Gray's botanical papers.

I desire to secure a complete a set as possible of both, and am especially interested in papers pertaining to Western flora for forest trees. I have Sargents' "Scientific Papers of Asa Gray."

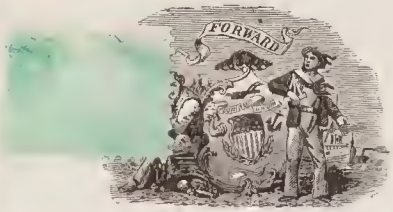
These are wanted for my private library and I should be under great obligations for as complete a set, both of Dr. Gray's papers and your own, as you may be able to collect.

Kindly forward by Am. Ex, or by mail, and I will remit on receipt of bill.

We should be pleased at any time to assist in any line of work that may require Western aid which you may undertake.

Very truly yours

Charles A. Keffer



State Normal School.

Oshkosh, Wis., June 7 1876

Prof. Gray:

Sir:

I have found in abundance what I call Sarracenia Variolaris which in your botany you do not state as growing in Wis. A specimen I send you.

A Carex also I send which I can not entirely satisfactorily identify. It grows in abundance on somewhat elevated & dry soil.

A reply at your convenience will be thankfully received.

Yours &c

W A Kellerman

Prof. Nat. Sci.

Salvia accuminata, Vent. Pers. 1. 25
urticifolia, L. 1,25
lyrata, Mx 1,26.
coccinea, Ait "
Collinsonia Canad., Mx. 1.29
tuberosa, Mx "
scabra, Ait. "
Mysorella capitata, Mx. 1.39 (= Brunnowia)
Sisyrinchium mucronatum, Mx. 1.50.
anceps, Lam. "
Iris cristata, Mich. 1.50,
Virginica 1.52.
tricolor "
prismatica 1.55.
Commelina erecta, 1.55
Virginica " over longifolia
angustifolia "
Leptanthus ornatus, Mx. 1.56
graminea "
Virginica "
Xyris brevifolia, Mx. 1.56
anceps. Pers. " (X. fimbriata, Mx.)
Kyllingia pumila, Mx. 1.57
maculata "
ornatus "
Dichromena leucocephala, Mx. 1.57
ciliatum, Gmel. 1.58
Schoenus cymosus, W. 1.59
glomeratus, "
sparsus, Mx. 1.60
longirostris, Mx. "
inexpansus, Mx. "
rariflorus, Mx. "
capitatus, Mx. "
ciliaris, Mx. "
distans, Mx. "
brevifolius, Mx. "

Canna glauca, Mich. Pers. 1.1.
Salicornia herbacea, Linn. 1.5.
Virginica, L. 1.5
Olea Americana, Ait. 1.9.
Chionanthus Virg^a. Mich. 1.9
Veronica Virg^a. 1.10
peregrina, 1.13 (V. maritandica, Mich. Comm. 1782, II, t.3 Gmelin)
Gratiola pilosula, V.B. Carolinensis 1.14.
quadridentata, Mx. "
anagallidea, Mx. "
hirta, Mx. "
Virg^a. L.
Pinguicula elatior, Mx. 1.17. 1.14
campanulata, Lam. in "Journ. Hist. Nat. 9.336, t.15 f.1."
lutea, Mx. 1.18.
acutifolia, Mx. "
pumila, Mx. "
Utricularia cornuta, Mx. 1.15
cutacea, Mx. "
ceratophylla, Mx "
subulata, "
gibba "
Justicia humilis, Mx. 1.19
pedunculata, Mx. 1.21
Lycopus Virginicus, Mx. 1.24
uniflorus, Mx. "
Monarda fistulosa, L. "
oblongata, Ait. "
didyma, Willd. "
rugosa, Ait. "
clinopodia, W. "
punctata, L. "
allophylla, Mx "
ciliata, L. "

San Francisco Cal. Apl. 13th 1864

Dr. Gray

Dear Sir

Your very prompt reply with the desired information gave me the greatest pleasure. In the hurry of business I forgot to enclose stamps as intended. Since writing my last Mr Bolander and myself took a few days trip to the Mts. in the vicinity, for botanical purposes; on our return walk from Crystal Springs to San Mateo on the San Jose Railroad, we observed a lofty ledge of rocks which promised mosses. Mr. Bolander had climbed about fifty feet, when he came upon the enclosed very rare and remarkable plant. I am unable to satisfy myself where it belongs? It has the habit of

Hydrophyllaceæ — Friend Bolander thinks it a Primulaceous plant &c.

There are several recent genera which we see enumerated yet have no means of consulting. We send you the last year's capsules as the fruit is not yet ripe — the seeds are ovoid-angular & pitted — You will notice the oblong scaley bulb, precisely similar on a small scale to the bulbs of our White Lily (L. Washingtonianum Kellogg.) All our specimens have little scaley bubblets in the axils of the upper leaves one or rarely two in each. The flowers are white. In all, the Stamens (5 in no) are unequal; two shorter, & one of these quite so — the Stigmatic point of the pistil minutely 2-posted (with a common glass; we have not submitted it to a high power) on the point. however. Mr Bolander says he cannot distinguish it. Send 30 or more — trusting the plants will reach you in good order. It will be needless to particularize — if the little bubblets become broken off from the Stem or the larger ones from the root these notes might be of use as hints, if not previously known.

I am preparing a larger package of plants to send by Mail under the new Postal arrangements — chiefly rare Compositæ — some of them too fragmentary I fear — they too often come to hand in this way by those not accustomed to collecting.

I have a remarkable shrubby Acanthaceous ? not yet fully examined which I am desirous of sending but as I have but a single specimen it would be more prudent to make a sketch of it first.

It is from the Colorado desert section.

Yours truly

A. Kellogg M.D.

Prof A. Gray
Cambridge Mass.

San Francisco March. 9th A.D. 1868

Prof A. Gray

Dear Sir—

Those Alaskan plants sent to your address are subject to the order of Prof. Geo. Davidson of U.S. Coast Survey Germantown Pa. who has charge of the Scientific department of that Expedition. I am not sure that I was explicit on that point. Any determinations made or corrected will be addressed to him.

In the same Box was a Set marked "Smithsonian Inst'n" This should be sent to the address of Davidson as above. The Set I sent him, he had already passed over to the Smithsonian — This will correct our mistakes and set me right with him.

Yours Truly

A. Kellogg M.D.

Kellogg

No. 2.

San Francisco Feb. 1st 1872

Prof. A. Gray

Dear Sir —

I send you a bulb (by Mail) of what is taken to be a different Lily from L. Candidum — to avoid confusion & be rightly understood, it is well to append botanic Names, for they surely bring wandering back from his wanderings. Please notice the peculiar scales — one of these bulbs given me by H.G. Bloomer (after whom we designate P.) for his culture at his new homestead — has the largest scale 4 (four) inches across the base. by actual measurement. This Species affects very sparingly; as will be found by experience. Not to take from valuable, further in details — This Lily, if not among your collection of cultivated natives; it is hoped it will prove acceptable.

Cuttings in Seed with such a humid Companion would appear to be a heedless oversight or lack of judgement. But please view it as an off hand filling for vacant Space — Casting about Could fix upon nothing at hand so likely & most Eastern

wants as Abies Pattoniana (A. Williamsonii) — It can scarcely be said to be introduced here; hence the presumption of its desirableness abroad. Besides, last year it failed entirely &c.. So also Eudoxus occidentalis, Fremontia — Acorns would have been better but to bulbs of these I had given away — very able to keep them on a trip of distance, orderly — My Torrey a California Chiefly sent to Washington Sw. Juglans rupestris. Brook Spirea. These are more appropriate associates though not now accessible. If any of these are desirable pray inform me of the desirable species and if they come in my path they will surely be sent — So we only know they are needed.

I shall have a new Conifer to offer you ere long — new to this Continent i.e. North or South America, at least. I have known of it, by rumour for more than a quarter of a century. I have now the decisive, but the shadow of a doubt but still too imperfect to warrant a technical description. I shall visit the locality in person as soon as I get the means. Hope to have the pleasure of adding your Specimens complete this season. The geological features it brings to light are more important than the botanical.

Yours Truly

A. Kellogg

P. O. Box 60
S. F. Cal.

To Prof. A Gray
Cambridge
Mass.

San Francisco Oct 31 87 1872

Jos. Gray

Dear Sir

Your of the 21st Ult
Rec'd — and sending Still pretty much all
that is deemed in any way desirable —
Shall send no more Delph. Made — There
is another Scarlet one much finer because
more compact & W.C. larger &c but I cannot
afford to go after it — The Medicable Sports
a yellow Var. which I think I have not before Rec'd.
I have not corresponded with Messrs D & C
but write to So. and write them in full.
About U.S. Crosses that all right — Only
when I'm obliged to think of the Dollar & Cent-
part that a big disgust comes on — If one did'nt escape
to the woods with all speed from sheer love of
the beauties — My case would be hopeless. Just
look at it a moment! — Sign a Bill to pay Young!
Harvester 2 to 3 Dollars! — Mechanic & Mason &c
2 Doll.! & So on — We go 4 months like a man
equivalent to 8 months of Jem for one — Of course brains
for either man Friday or Master is not Required.?! — Then
traveling expenses, living, extra wear & tear, risks &c. Now
I say a man's a fool, or Stark mad who will condescend to
look at the Compensation generally offered with Rubbing
eyes.

Viewing it thus — do you wonder at my assertion.? I always put my foot on this back of the subject, just so long as I can hold my breath: And when it comes, to giving up the Ghost, I relent a little, but not much.

Those Yams desired with be secured if available — Once on the Sierras it would be easy — it seems exceedingly difficult to know just to get at just the right time &c. Have often been in favorable condition to do so — but once am there's a Silver Bridge with an alarming Toll Gate thereon between us. Our Elbow Adviser will say make some adequate business, & pay your way Coniferous Seeds &c. Now I am just from walking over those very seeds! — bodied them Squarely in the face — Counted the cost — would'nt pay at current rates. Offered by the Greatest Gov.t & best individual in the world.!! And Starve on worse fare than falls to the lot of the vilest Criminal in Christendom.

This may be the Blue Side but let me tell you it is the True Side.

For Mercy's Sake deliver me — to King of that Almighty Dollar any more.

The cheapest way to buy in the Market.

To-day I send you again the Roots of Iris Macrosiphon — This is one of the finest border plants known — both it & its bulb might challenge the world — It is only when seen growing that a just appreciation can be expected — note the graceful lateral curves & satiny gloss & admirable reflection of light on the leaves — deep rich blue fragrance more delicate than the Gubernatorial

I send you again Iris Douglasii — This has handsome yellow from rose pale purple & blue with variegated shades. Compared with the former of the foregoing it is only 2

In the S. Bar a few Brodiaeas Cal. Representative Sellowii / 18 to 20 feet high, weeping Elegant shade, injured by no insects, toughest & most beautiful timber — thrives here mid snows and ought to grow well East — If the term ever dries it will not grow — Or plant in dry clay — Whether planted out before Spring or not. Took it upon myself to send you the bulbs of Romanzoffia Sitkensis & sundry other things presumed to be of interest — also Hypodium Munitum & H. Additum Chilense. Gymnogramme triangularis Pellea andromedafolia & Shall also send others if desired — Here is the new Hypodium Californicum — Hook. Argyrotum (Nephrodium) — Pinctatis dentata. To-morrow shall try & send Erigeron glaucum just cut from Marin Co. with a few other orders.

Could not find a single bulb of Sauertia out of which

the English make a new Spade — I alone and three times miss dig blind and even got one on the Keen Edge of Flocks & Sheep on a Thousand Hills.

Yours in haste

T. Hallowes

P. S. Thos Richardson of N.Y. a good Book on Common Sense Gardening.

75

San Francisco Nov. 3rd 1872

Prof. Gray

Dear Sir

Yours of Oct. 28 duly
hand & draft 0/B — all right — Pray do
not consider yourself obliged to answ. every
kind letter — your time is too valuable & I care precisely
— Latterly I am sending a few common things
from here about chiefly for the Botanic Gard.
— whenever we hit upon the best i.e. most success-
ful method I should like to know it.
While up the County I ought to have
trained the eye of some resident so as
to recognize the I Bolander Punk distributed
and scattered as the frail fragments are
at this season of the year. Now I can do nothing
the expense is too great — so as there is nothing
than to wait another year — Has any one ever
grown it from the seed? It has been
sent abroad. As my note of using Gutta
Percha Paper I think the supply will
always be so far below the demand, as to
make it practically a kind of luxury, only
for great occasions. Sent recently some
live plants in tin cases these may keep in the
moisture well in cold weather. They will

not and well in hot weather. With dry clay where the weight will and they are only 2 best to bottles in Boxes.

Expect to morrow to visit the Is.ds off the mouth of Mokalumne River in the mid.st of the San Joaquin R. This plain I call "blind" — It is being reclaimed - position & topographically considered invite & curiosity prompts — The Winter Storms are just now upon us — early so far away now! Got an awful fall on San Bruno Cliffs & Cañon, - like to have put out one eye. Sure enough! pretty badly bruised all round — Could see through the blood well enough to get you a few good things — had to go 8 miles to walk home which kept me limber as a cat & so quick was the reliefe. I became stiff — "Dick" himself again" as good as new minus a pair of Spectacles. Here we go a tramp of a 1000 miles on foot — Get home from the woods & step on a rolling Stone of a Gipsey morning and plunge headlong into the pack of Golden Stars!

Will write you on my return from the Mud Mine of this isolated Isle — scarcely any thing green in this Region just now - except these late damp Spots

Shine - you and Sp.ns of Col.a Chestnut Trees in your collection? I am just in from under the Shadow of the Castanea chrysophylla - the most beautiful & magnificent evergreens known. 120 to 150 feet high Clear Shafts 60 to 80 feet as straight as any in the East 4 to 6 feet in diameter. Not alas with our Rhus aromatica for it still trifoliata. I the 24th saw it in Sacramento City Cemetery — lately near Ukiah, brought from Brim. Placerville. & regions round Idaho &c &c. On Ten Mile River saw Sp.s of our Vaccinium ovalifolium — Red Huckleberry which bore, larger sweeter berries but white as Snow. rather singular Sport. Bush apparently like its fellows & these not one, but here & there for miles, sometimes all of the character. Vaccinium ovatum Black or Blue blooming Sorts Common — This bush here at Sausalito just across the Bay A.M.B. Buck Fancy A. 13 feet high 2 and 2 to 3 inches in diameter. Buy Garrya Elliptica the Monarch tree. 18 inches in diameter at the base with Corymbs, 6 to 8 inches in diameter & no more. While on my recent trip that wasteful Woodman's axe Spared not the tree. The tree henceforth is Apocryphal I could say a few days ago walk out with me Ben

but I am now as one tells a pleasant tale. I shall be thankful now if the vandals leave the Stumps unmolested

They are catching it – dismantling their hillsides to realise a penny. Meanwhile the floods are rushing down sweeping thousands of pounds worth of their Lands into the deep. Even on the Farm undermining Stable & House & last winter took more than ten acres off to Sea. O the folly of Sinners!

Excuse this hasty acknowledgment

Yours Truly

N. Tallow

To Prof. Gray
Cambridge
Mass

P.S. Prof just tells me of the loss by P.O. Some things sent by me must be written for as they rarely pass without Seed Lip Pegs. Three last communications Leaf Roots filled in with bubbles repeating or duplicating & triplicating the Leaves in this way our eggs are not all in one basket – I hope some may reach their destination in safety.

K

San Francisco Nov. 3rd 1872

Prof. Gray

Dear Sir

Yours of the 31st of Oct. came to hand to-day — but as the 1st & a few days as I wrote you I intended to visit the Lake Isles in the San Joaquin River. I sent to-day some Tubers of Sagittaria variabilis — Rapato of the Indians, and by the Chinese cultivated both here and in China under the name of "Seechod." Writers on Botany seldom mention this tuber at all; yet its economical value here among the Chinese is 2 to 300 per ct. more than potatoes and some American Gardeners have excelled the Chinese in its culture and obtained 6 to 12 cts. per lb. when potatoes were held at 2 to 3 cts per lb. — Said to yield equal to potatoes to the land cultivated — and grows where nothing else could be grown to profit. Again I send you a sp.[n] of Lily of Japan Lirio Japan (?) tuber — because it is doubtful whether the style of rooting is mentioned — & if so Dr. Torrey knows all knowledge (means Science) has an end of use and the broader this basis of useful

knowledge is laid, the more honor in the eyes of practick multitude — this is famous here, for its value in fattening swine &c.

I send in a few seed of our Brodiaphum Californica — would have been quite as well styled Taurus — and given us at least one Bastiaspes on the Pacific.

A Hymenocarpus Triangularis a pretty little prograss from (also sent before.)

Got Sp.ns on the island of an Hibiscus 6 by first light — very abundant — got a large bundle at last the tribe by comparison with the "Rainii" plant — stools freely 6 & 12 of these stems from one root or crown — Have you Rec.d the Capsule sent, or did it slip off to Old England? — by the way — did you intend Bryant or caution against enumerating the contents of the Boxes.? or making remarks on labels inside, the latter sh.d not be, the former it was not — would aid you in choice of pkgs to examine, in case of press of Cares, & short of time. — in any case direction would jeopardise the pkg shall try to be more circumspect

If simply "K" is put on the lower left hand cor. it would enable to discriminate my pkgs from any others you may Rec.e

Perhaps it would be as well, for me to continue to send until I hear of dec.r 1st's Steamer that utterly preclude all possibility of Sp.ns going safely through. I intend to send you the Sp.ns requested as far as they can be obtained — day after to-morrow shall make a trip for Hesperos & Cordon mentum this I have not yet sent. also Echeveria — perhaps I may be able to get a small installment of the Pomaderris Sub Rosa over & besides those already remitted.

3 days I without any newspapers! Ah for the sad news by last Steamer Dec.r 12th — When we emerge from the jungles the Skies are full of brown cast — Shadows fall across all human paths.

Yours Truly
A. Kellogg

To Prof.r Gray
Cambridge
Mass.

P.S. Note by Jos Buckhorn on the eve of leaving S.F. for Isles — will write again & ans.r all queries — shall do for us as ab.

San Francisco
Nov. 22d 1872

Mr. Walton

Dear Sir

Yours of the 8th
to hand — You may say to
Prof. Sargent that I will afford me
pleasure to aid in the furtherance
of his enterprise. I do not limited
at the No. of representative types
nor the number of each species desired
I feel some at a loss to take the
responsibility of forwarding so late
this season. Should they get through
without being thawed in the sun after
freezing they might do better than your
Spring shock does not connect or
coincide so well with yours.
For the most part plants raised on
the spot I think would outgrow the
imported in the long run.
I shall at all events take upon
myself to send a small venture for both
so far as the snow & rain will allow me to collect
P.S. Has changed our No.
P.O. Box 2330
Truly
C. V. Walton

Dr. Kellogg

Dec. 21

'72

San Francisco Dec 2nd 1872

Prof. Gray

Dear Sir—

To-day I sent directed to Prof. Sargent a Box of Trees & shrubs and among them Garrya elliptica which together with the Acorns you speak of in letter of Nov. 23 were already mailed two before your letter came to hand—So much for good luck, or Providence to the credit of the Goddess Genius that ever guides.

Among them are Castenopsis (Pasania) densiflora the "golden Chestnut" Oak of the Redwoods—Sorry I could not send Chrysolepis (formerly Castanea) Chrysophylla / It is often of the utmost difficulty to find seedlings of some trees where one would suppose they ought to abound—Spent part of two days searching for Aesculus Californica seedlings—gave it up the first day—finally got 3—failed altogether with our Myrica—shall try again—Abies decidentalis is often easily difficult to get well proportioned & isolated &c—Garrya elliptica to old or large—wish Sargent my faith in cuttings / it is already putting out here, the male catkins in clusters 3 inches long already; will be in full glory in Jan. at this rate 2 or 3 of these /—

Protea arbutifolia seedlings are scarce 12/-
Cornus Nuttallii 5/- a piece scarce — Ought I to have
sent you Tsuga brevifolia Western Yew? Why
cannot we transplant? If I live I grow well
think I'll try it and at least be as foolish
as other people — Never liked to be singular,
Cassiope tetragona — very valuable for stock, increases
cream 100 to 1 per ct. — Not an invaluable Dwarf Rh.
Chamaecistus folio sus — I promise myself to do
something grand with this one long! Wish I
could have got Andromeda — Could, had
I the time & but all days will not do so late.
Fruit my Iris Macrosiphon again the Sp. I was in
bloom got some tiny seedlings as I take
them to be sent Gales Down equivocal one
could not clearly determine in my own mind
apart from the shelter they might not prove
Iris Douglasii? two I certainly know to be
those I have labeled & put in jolly parchment
paper are all right. Sent a root of
Micromeria Douglasii such a pretty pendent
for a hanging basket — do with it as
thereof your own & give it to an appreciative
friend. As Pitcairnia & my reasons for delay
Terms was just simply because by a day or two
delay I could fill up some blank space left
in the case packing so you see I have anticipated
a little — now if there's no immediate call for
these just distribute them at discretion.

The Lycopus we considered Europeus Var. sinuatus
not Virginicus — will send you a Sp. The decision
of our Post Master here is that no botanical Sp.ⁿ sent
by mail or other not Print Sp.ⁿ can be allowed
a written name without involving letter postage!!
the name however may be printed; otherwise a
hieroglyphic mark, letter or fig. will be required
& letter explanatory thereof accompany through
the letter bag. This seems strange to the uninitiated
— so contrary to our universal custom. It would
be the most sensible construction of the law, to
make no violation where none is intended
the Spirit of the law & not the mere letter.

Sorry I did not send you all the roots of
Sagittaria which I took the trouble to dig.
— now wilted shrunken & thrown away
— to considerable trouble for me to get them.
rather dirty work for one not exactly in
the line of business.

Ed omitted to state above that even the words
"Roots" "Seeds" &c as quotations from the law clearly
subjects the pkge to Letter Postage. You see
I must be exceedingly circumspect in future!
Perhaps I may go in search of some more
Roman-ophia — shall have to hurry up, for
they grow apace after the first showers

Tanya Mysotica were named up & on your letter asking
them came to hand. So Synonyms filled a nice niche
you see.

If you succeed in reading all my scribbling I'll send you in this my remarks on Cat bulks Costs &c

Accept my kindest thanks for the interest taken abroad

Yours truly

H. Tillotson

To Prof. Darwin
Cambridge
Eng

P.S. My P.O. Box is changed by the P.M. Under recent reconstruction of our P.O. It is "Box 2337" — please note.

H

San Francisco Dec. 28th 1872

Prof. Gray

Dear Sir

I sent a Cat of Seeds to Prof. Sargent and 2 Box of Forest Trees among them find two seedlings of what to me appears to be novel shrubs ? I should feel henin on it — Can it be a Hubbelia that I have not seen ? I think I have a No. of a new myrtle — no fls. nor fruit — shall get both another season — if you like I'll send this — it may be you would recognize this or something else for which I mistake it — in my conjecture.

I send herein a few Sp.s from Colorado — some I recognize others I do not — of convenient let me know, and any thing you wish I may be able to get for you.

Enclosed see a few hasty remarks or hints relative to our bulbs &c.

Yours Truly

T. Kellogg

P.S. I think I wrote to Prof. Sargent at least intended to do so & beg any thing sent him to hand over for the Cambridge Garden if you wish it.

Kellogg

San Francisco Jan 2d 1873

Prof. A Gray

Dear Sir – I send you to day a box – about one cubic foot – marked "(6)" by Hills Sup't Pl's, pres containing Arcodaptus Californica & Ad Laurel – Quercus Chrysolepis or Canon Live Oak of which I have been sent before – thinking more samples, or a few Sp.mens for the sake of exhibiting species in Arboretum – This equals the Live Oak (2 vars) of Florida as Ship timber – proven in Navy Yard here, and highly approved among Mechanics Shipwrights &c. &c. Great toughness and Density as a shade never broken by fierce winds. A fine clean canopy &c. I have probably written you at length before – If its merits & worth not exhaust.

I have more seed of Cercis occidentalis being all I collected at Ukiah recently. Should think this very desirable for its Charged effect in early Spring, and the delicate beauty of foliage at other season.

If the acorns are frozen they will Spoil & turn black – have used all practicable caution – enclosed in Cotton – dry clayey loam – Sawdust outside of the inner box – and Outer box enveloped with double paper – Should they arrive safely please let me know as a guide for the future.

Hose might have been directed to Prof. Sargent

Should you prefer it I will do so myself. Of course any thing desirable sent to either address — for P.B.S. Garden or for Jones Creek please make use of them as your own.

A little Cotton Stick I shall send down choice seeds not yet collected — as Photinia arbutifolia and Arbutus Menziesii &c. or Madrona Tree.

In haste

Truly C. Pickard

Prof. A. Gray
Cambridge
Mass

P.S. Mrs P did not acknowledge Receipt of Check for One hundred & Eight 10/ on Bank of North America it is not lost now — will present it to day.

Thursday 8th C.

Received ninety Six 00/ gold

~~Arthur~~ 5
Kellogg - A -

San Francisco Jan. 29th 1873

Prof. Gray

Dear Sir -

Yours of 16th inst. came to hand Saturday last - was sorry to hear of your ill-ness - trust this will find Richard himself again.

Your announcement of intention to devote the best part of your valuable life to the flora of N. America pleased me beyond measure. Long & fondly the work work. Just think of it. The best part of half a century ago I subscribed for that work. Still not completed - and the anxiety it has been to me ever since counting the fronties for away from books of reference, until in part of late - nor even yet the privilege of consulting verified Herbaria.

In remitting, I was well aware many things were not handy with you - also many deeds - but in view of exchanges and for your correspondent abroad that they would be acceptable - any disposition or arrang. acceptable - will try and not trouble in these matters hereafter.

I stand corrected on the Acorn question
— for myself never thot of accepting such
an idea — but willing to accord my rights
to others who do — glad to find it was a mistake
of mine.

Was not aware of oversight in sending Com
unlabelled — perhaps they were wrapped
already in paper (usually names included)
and were not inspected in the haste of
Christening a package. Perhaps they
may be poor types of Pinus Flexilis of
our Sierras.

Excuse me for taking up a moment of
your mortgaged time.

Any thing you desire, do please
let me know — entirely at your own
convenience

Yours truly
D. T. Macdougal

Prof. A. Gray
Cambridge
Mass

California Academy of Sciences.

P. O. Box 2247.

San Francisco, Oct. 4th 1877

Prof. Watson

Dear Sir

I am right glad to learn that you are at work on the Vol. Col. Bot. any thing I can do to aid you will be promptly attended to as time & means allow. I therefore send you Sp. No. 1 & 2 and they are at hand & will try to procure as large Sp. of D. ar. as may be. Strange to say, local Coll. are the last to rec. Contribution — all of ours have always gone abroad so that your own dried material for dispatch our most Collectors & bulbous plants omit the root — fearing you may not have the bulb of the Oregon — only I send our best Sp. — also the Narrow leafed form of L. pendulinum from Sonoma we have also the dried bulb of L. maritimum — but it is not to be found among the distributed & reported

One Thousand Specimens Desired.

To the Academy. The specimens desired can be furnished at the following rates, viz: Phanerogamia and Pteridophyta, Cents per Species; Cryptogamia, Cents per Species. Postage (not paid) in addition. Specimens will be sent by Express, Freight, or Mail, as may be directed. Address, Curator of Herbarium, California Academy of Sciences, San Francisco, Cal.

material of our Herbarium; an interminable lot of determined plants are not distributed nor can we obtain any assistance as to ds — will interest myself & [illegible] Lady Lumpman to get you the fresh bulbs & forward it. I send you specimens of what I consider typical of L. parvum tho' the specific name implies little Lily, yet the reference is rather to the size of the flower for the stem is sometimes 6 — 8 feet high & with rarely fifty flowers or so. L. pardalinum has probably the widest range of varieties. I regret that I have not made this family & specially this sp.s a more careful study — Long as I have not means for its culture (or even collection) here casually; I can only contribute a mite to its elucidation.

The Lily referred to Cruickshanks by Bentham in Plantæ Hartw. p. 340 from the Santa Cruz Mts. also 2004 (416) Butte Ck Sacramento Valley are probably L. pardalinum (?). It does not seem likely that Bentham or Dr. Parry ever saw it except in a dried state (?) and allowing they had. I deem it of the utmost importance in plants of such simple structure to study only the bulbs. I wrote to Mr. Elwes [illegible] years ago

CALIFORNIA ACADEMY OF SCIENCES.

P. O. Box 2247 San Francisco, 187

to N. 2. of the articulated Scales — It is not very apparent why the Should be so often overlooked. San Francisco, 187 If would be [illegible] from Oregon I will cheerfully send it. By the by I gave Dr. Joseph Hooker & Prof. Gray My painting of Pecten Californicus when they might verify it — the Seed was taken from a cone loaned me by the late Mr. Beard by an English Collector — did they find it? Excuse the digression —

I incline to the opinion that L. Californicum — Hart. will be found to be synonymous with L. pendulinus Mr. E. Brooks informs me it grows in the Santa Cruz Mts. — The Specimen from Mr. is not well preserved nor at Complete as that I loaned to

It is very singular that My Letter should have sent me a good colored drawing of my L. pendulinus under the name of L. Humboldtii — with the brilliant Carmine Coloring of the outer Scales of the Cones! How could he mistake it for L. Bloomeianum? a totally distinct Species. I could never very Satisfactorily solve the riddle. One could Conjecture several Mistakes might happen. If you it is not

necessary to say that the typical color may vary - be faded out to a mere blush although to a practiced eye the somewhat defined limits of the spotting or blotching of the lower half could still be detected - but the bulbs are unmistakable. I erred in describing it would be well to notice with Humboldt the pubescence of the lower surface of the leaf - scabrous margin - glabrous nerves - bracted lower leaf especially those bracts of the inflorescence.

I write in haste & your letter promptly & should any thing occur to me worthy of note will write soon again.

Please be so kind as to remind Prof. Gray of his promise to send me a Specimen of Euphorbia clavata & compare with ours. Could you readily send me also a Specimen of Euphorbia dentata Boerg. a var. here has peculiar lower leaves.

What is that Euphorbiaceous shrub of Cuba you did give to Dr. Torrey?

If you can spare a few moments send me the names of a few plants sent with the Lily Sp.

Obliged - Most truly yours

A. Kellogg

Readville Mass
17 Nov 84

Dear Mr Gray

I have just returned home from a Washington and find the "List of the Publications of Papers of Dr Gray" which you have had the kindness to send me: please accept my grateful thanks for so useful and valuable a memento of my dear friend and teacher.

Very Sincerely yrs
Geo. G. Kennedy

135
121
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West Chester, Pa.
12.30.1890.

Prof. Watson
Harvard University,
Cambridge, Mass.

My Dear Sir.

I enclose herewith a note directed to you, which came to me to-day from Mr. James.

For some two years past I have been collecting the published works of Chester Co. Authors and am now engaged in preparing short biographical notices of them with full descriptions of title pages. I hope to have the work ready for the printer next Spring.

I trust that you will be able to send me the Florula referred to by her. She further suggested that you might have duplicate copies of the following

— Obit. Notice of Dr Darlington, read
before the Am. Philos. Soc. Feb. 19. 1864.
by J. Potts James

Essay on the Development and
Modification of the External
Organs of Plants. 1839. pp. 38

Assuring you that I will
appreciate your Kind attention
in this matter,

I am, Yours truly,
H. Rush Kervey

JUSTIN WINSOR, *Librarian.*
THOMAS J. KIERNAN, *Supt. of Circulation.*
WM. C. LANE, *Catalogue Dept.*
W. H. TILLINGHAST, *Ordering Dept.*

HARVARD COLLEGE LIBRARY,

Cambridge, Mass., Nov. 28 1887

Dear Sir,

Will you kindly write in red ink, diagonally across the seal in the books just sent you "Transfered to Herbarium Library, Nov. 28, 1887". They were sent before I thought of doing it

Truly Yours,

T. J. Kiernan

Dr Sereno Watson.

R Kingsley

Buckingham St
Feb 23./74

Dear Mr Gray

I find it difficult to express my thanks to you, for the honour you have done me, in sending me your delightful book, & for the kind words which accompanied it.

Pray believe me, & do not think me impertinent

off to New York on Wednesday. But we hope that this will not be our only visit this neighbourhood.

With my father's very warm regards, & my renewed thanks &

Sincere respect,

Believe me

Yours very sincerely

Rose Kingsley

When I say, that there
is no one in America
whose acquaintance I
coveted more than yours
& judge therefrom of
my appreciation of
your kindness & me.
Will you thank
Mrs Gray for her
message; & say that
if I may I should very
much like to call on
her tomorrow afternoon
on the chance of
finding her at home.
My Father also hopes
& I have a few moments
with you again ere
we leave pleasant Cambridge
but alas he will have
to give up the pleasure
of coming to your meeting
on Thursday night
for we are ordered

Niagara Falls
April 25/74.

Dear Dr Gray

Some few many apologies as well as thanks. But since I received your kind note & its enclosures, I have been as usual drifting about from place to place, & at such a rapid rate that I have really

respected Mr Letters. However, here we are at anchor this Monday & I hasten to send you for the Rotes which will be invaluable to us in the West.

We hope to leave Chicago on the 11th, as Mr Cyrus Field has asked us to join him & a pleasant party who are going with him, for the Californian Trip.

Is there no chance of your coming West also this summer? Write my Father & my dearest regards, & many thanks for to

Kindly remembering your promise

I am

Believe me ever yours

Sincerely & obliged

Rose Kingsley

Linnean Society,
Burlington House, London, W.
July 22nd, 1874.

My dear Sir,

I should have written, ere now, to have acknowledged the receipt of your letter of May 28th, but that I have been hoping, from day to day, to be able to announce the receipt of the sum for which, at your suggestion, we had insured the Reports on the Pacific Railway Route Explorations; but — as I think I mentioned, when acknowledging with the grateful thanks of the Society, for all the trouble you had so kindly taken in the matter — the receipt of the second set — which was thrown overboard

there has been a very long delay in calculating & collecting the "Average" due to those whose property has been sacrificed, and nothing has yet been received by us. When it is, I will not fail to inform you, but in accordance with your instructions, will not forward it, till I hear from you again.

We have forwarded, by book-post, to the Massach^{ts} Hort. Soc., Boston, No. 75 of the Botanic Section of our Journal, in continuation of those originally intended for your Herbarium Library: also, No. 20 which it appears by your letter, was omitted in the first instance.

At your earliest convenience will you kindly give directions for supplying us with pages 297 & 408, incl.^{ve}, of Vol. 8 of the Proceedings of the American Academy of Arts & Sciences, which has never reached us, and for want of which we are unable to bind the volume.

I am sorry to add that the missing parts of the publications of the Cambridge Zoological Museum, which are stated in your letter of April 18/74, to have been already sent by Mr. A. Agassiz, thro' the Smithsonian Institution, have never reached us, tho' many packages, large & small, have since been rec^{d} thro' the L. I. Can they be still waiting at the Depôt at Washington?

Believe me, dear Sir,
Yours very truly
Rich^{d} Hippisley
Libr^{n}

Dr Asa Gray, F. M. L. S.
&c. &c.

* viz. Annual Report for 1869-70.
Bulletin, No. 8, and any after 13.
Illustrated Catalogue of Museum
Nos. 4 to 6, and any after
No. 7.

of the Museum of Comparative Zoology, Cambridge, a set of the Zoological Papers of our Transactions, from the point at which they Papers have been issued for separate sale viz. from the commencement of the 26th volume. Also the Zoological section of the Journal from Vol. 9 onwards; but that of the publications of the Museum, we has never received either Nos. 3 of their Bulletin, or Nos. 4, 5, & 6 of the Illustrated Catalogues of the Museum. These Prof. Agassiz seems to have sent soon after the S.I., & completed our set. When you see him, will you kindly say that these have never reached us, and that on receipt of a letter from him, a reply & one he made back, expressing the hope that we had by this time received them, as he had lately heard of the arrival of other packages, dispatched at the same time with ours, I forwarded his note to the Agent here of the Smithsonian Institution, who reported that there was nothing lying there for us, so that I cannot but fear that the package must have hopelessly miscarried.

very truly Yours
Rich. Kippist

Dr. Asa Gray
Pres. Am. Ac. Arts & Sc. Cambridge U.S.A.

Linnean Society,
Burlington House, London, W.
Nov. 13th, 1874.

Dear Sir,

In reply to your note of the 30th ult., I beg to say that, although in a previous letter, you mentioned that you had disposed of the copy of your Journal (Botanical section) originally intended for the Herbarium Library, Boston, you did not say to whom. We could, therefore, only address the two Nos. (75 & 76) to your care, that you might hand them over to the recipient of the previous Nos. If you will have the kindness to do so, I will take care that in future Nos. are sent, addressed to the "Library of the Horticultural Society, Boston, Mass." I take for granted this will be a sufficient direction for book-post. I am

not quite sure whether, among all the turmoil incident to the transfer of ourselves and our belongings to what we have every reason to hope will be our permanent resting-place, I did remember to inform you that we had, at last, after months of delay, received the amot. less charges £4/3 — for which we had, at your suggestion, insured the books. The nett amot proves to be £9:15:9. This sum we will either forward to you, or, as suggested in your former letter, place it to your credit with the Society, against any copies of its Transactions or Journal which you may wish to purchase, and which — the Transactions, at all events — could be sent, either thro' the Smithsⁿ Institⁿ, or thro' Trübner & Co. if more convenient to you.

We have just brought out, by the bye, another part (Vol. 3 pt. 2) of the Transactions, consisting with the exception of about half a dozen pages — of a Monograph of the Lecythidea, by our veteran Contributor, Dr. Miers, illustrated by 33 plates. The price of the part, to you, would be £8/- to the public £4-. The concluding part of the 3rd volume, the printing of which is far advanced, will consist exclusively, of a Memoir on the Compositæ, by our Ex-president, Mr. Bentham, whom I had the pleasure of seeing yesterday, (at a Meeting of our Library Committee) in all appearance as active and energetic as ever. He still, I am happy to say, remains as a V.P. on our Council, of which, I need not tell you he is, as he ever has been, a most efficient and valuable Member.

In my letter to you of the 23rd of March last, I omitted that, in Augt 1873, we had from the Smithsonian Institⁿ, for the Library

Herbarium, Harvard Univ.,
to Prof. Eaton, of Yale Coll., New Haven
& to Columbia College, New York.
The subscription for the first, of
course, ceases, but the other two,
I presume, will be continued, and
charged to you (at the Members'
rate) as heretofore. The copy for the
Herbarium, will be sent, together with
the Botan. Memoirs from the Trans.,
the Smithsonian Institute, and
the Zoological Memoirs & Zool. section of
Journal, in like manner, to the
Mus. Comp. Zool.
The printing of Dr. Bentham's
Memoir on the Compositæ, which
will complete the 30th vol. of our
Transactions, is steadily progressing.
From the commencement of the
31st vol., the Botan. & Zoolog. papers
will be publd in distinct Series.
Many thanks for your kind offer of the
Reports of the Peabody Museum of
archæology, but I will not ask you
to send them,* as we now wish to limit
our Library, as exclusively as possible,
to works on Natural History, having lately
disposed of a vast accumulation of
miscellaneous works, investing the proceeds
in Biology.
Dr. Asa Gray, F.R.S. &c. &c.

* about 20 tons, unless they in which some fortunate Hist. Soc.

Linnean Society,
Burlington House, London, W.
Jan. 5th, 1875.

Dear Sir,
I beg to acknowledge the rect.
of your letters of the 8th & 22nd ult.
the latter of which arrived this morng.
In the first place, let me
thank you, in the name of the
Society, for your liberality in
the matter of the Insurance
of the lost books; as also, for
your very acceptable donation
of the volume of Wilkes's Exploring
Expedition, which has arrived safely,
viâ New. It proves, however, to be
only a half-volume, consisting of
pp. 117–54 and the Plates, but the
first half has never reached us.
We have vol. 1 of the Botany of

that Expedition; but in the absence of a title-page, I cannot make out whether the portion just rec'd is the 2nd Part of Vol. 2 of the Botany, or of some later vol. Will you kindly inform me, at your convenience, whether the first part [or the title-page, &c. of the entire volume has been publ'd; and if so, whether there is any hope of obtaining them for the Society.

Since I last wrote, I am happy to say that the long-expected parcel from the Museum of Comparative Zoology has arrived; consisting of

Annual Reports for 1869, 1872 & 73.
Bulletin, Vol. 1 Nos. 8, Vol. 2 Nos 2–5, & Vol. 3, Nos. 1, 5, 6, 9 & 10; and
Illustrated Catalogue, Nos. 4, 5, 6, 7 pt. 4. and 8 No. 1.

These seem to complete our set of the Reports & Illust'd Catalogs; but of the Bulletin, we still want the title & Contents of Vol. 1, pp. 1 to 108 of Vol. 2, and Nos. 7 & 8 of Vol. 3. If these deficiencies can be supplied, so as to enable us to bind the volumes, we shall be very glad.

I think I explained in my last that we had not yet sent any Nos. of the Journal direct to the Horticl Society, Boston, because, tho' you sent that you had disposed of the set of the Journal originally intended for the Herbarium Library (having given them your own copy), you did not say to whom it had been sold. We have, however, today, forwarded direct to them, the last publ'd No. (77) of the Botanl Section, and the future Nos. will be sent regularly by post.

Perhaps, before the close of the volume (with No. 80), you will kindly inform me how many copies you still wish to subscribe for. The three copies for which Mr Bentham, on your acct, paid the subscr'n in Feby last, he directed to be addressed, to the

Linnean Society,
Burlington House, London, W.

Dec. 28th, 1876.

Dear Sir,

In accordance with your instructions, I forward the acct for the current volume of the Botanical edition of our Journal, forwarded to the Horticultural Society, Boston, the Columbia College, New York, and to Prof. Eaton; all charged at the very considerable reduction at which you, as a Foreign Member are entitled to purchase them. (together £1:11:6)

I am afraid they should have been sent in long since, but

but I have had a very busy time of late, and have, moreover, been very unwell, which must be my excuse for the delay.

With kind regards, and wishing you many happy new years

I remain,

Yours very truly

Rich. Kippist

Libn. B.S.

(Dr. Asa Gray,
F. Mn. L. S., &c.

Linnean Society,
Burlington House, London, W.
Feb 7 6th, 1877.

(Dear Sir,

I beg to acknowledge with many thanks for your very kind and prompt attention to the rect of your letter of the 15th ult., enclosing a Bill on Messrs Calmont, Bros, for £1:11:6, in liquidation of our claims for + insertion the current volume (15), of the Botanical section of the Journ, on Prof Eaton, the Portico Society, Boston, and Columbia College, New York. I trust the

Miss Jane Colden's botanical drawings, 20 years in advance of Linnaeus's Species Plantarum, are now in the Botanical Museum of the New York Botanical Garden. Her sight was much impaired, she continuing, till over 95 years of age, to write a clear and beautiful hand. Her other faculties seems to have retained almost to the close. We possess, and you may perhaps have seen, when last in England, a selection from her husband's scientific correspondence from the date of the foundation of the Linnean Society (1788), admirably arranged, with occasional notes by herself in 19 quarto volumes. At my request, she sent, two or three years ago, for insertion in one of these, a photograph from the portrait of herself by Pine, with the date of her birth (May 11, 1773.) written on the back, in her own hand; and the notice of her in yesterday's Times (by her nephew Dr Liddell, Dean of Christchurch, I presume) gives a copy of this

Nos. continue to reach them regularly. To ensure their doing so, as far as may be, I have got our printers to employ for the address-bands a much tougher paper than they formerly used, having reason to believe that too many of the pamphlets sent to us by book-post from the Continent fail to reach us, owing to the very flimsy covers in which they are often enclosed.

You will be glad to learn that our dear friend, Mr. Bentham, continues in good health, active and industrious as ever. On Thursday last, his Successor (Dr. Lindley), having been summoned to Dublin, we had the pleasure of seeing him, once more occupying his old post in the Chair, both at the Council, and at the General Meeting, in the evng. Dr. Hooker, being now Pres[t] of the Royal Society, whose Meetings are held simultaneously with our own, we have not the pleasure of seeing him quite so often as we could wish, tho' he continues to interest himself as deeply as ever in the progress of the Society.

The Times of yesterday, containing on the 3rd inst. an announcement of the death of Lady Smith, the widow of our Founder; who survived her husband very nearly half a Century, and would, had she lived till May next, have completed her 104th year! During the last three or four years,

Linnean Society,
Burlington House, London, W.

April 30th, 1879.

My dear Sir,

I have been very ill, confined to my own rooms, and good part of the time to bed, for on any month last, or should have sooner written to call your attention to the fact that the price of each section of our 8vo Journal (to which it was originally fixed when it was not the intention to place there any papers requiring illustration, with the exception of an occasional wood-cut) has been, very properly — since we illustrate so much more freely — to say nothing of the great rise in the cost of labour — increased to 3/- from the commencement of the current volumes (Vol. 17 Botany and Vol. 14 Zoology.) The price to the public of the volume, whether prepaid or not, was at the same time increased to 24/:— that to the Fellows and the Trade being 18/-

I take for granted, therefore, that it will be much more convenient to those Societies, &c., for whom you have hitherto had the kindness to collect and remit their Annual Subscriptions, to order them, in future, thro' Triibner's house in New York. They would then have only the U. S. postage to pay - some of them, probably, not even that, as the States seem to be very liberal in their dealings with public Institutions.

The last payment rec^d from you was one of £1.11.6, by Bill on Calmont, Bros., for which you letter of Jan^y 15/77, and paid on the 20th. of that month.

The three for which you have hitherto paid are Prof^r Dana of Yale College, the Herb^m Columbia Coll., N.Y. and the Hort^l Soc^y, Fremont Street, and the Subscr^n for the entire volume would be 18/ each (£2:14:- together) My Assistant tells me that nothing has been sent to these since the commencement of the current volume (17) the first at the increased rate. Therefore, I think I had better, now, wait till I hear from you, whether you will prefer to obtain them thro' Trübner & Co., as I think most probable.

We have had a fearful winter, almost unprecedented. Our Zoological Secretary informed us that at his place in Sussex, snow was lying 16 ft. deep! - so heavy, indeed, that he had been obliged to set a man to shake it off the boughs, lest the trees should break down with the weight. In town, we have had keen East winds and snow, day after day.

Believe me, dear Sir,
Yours faithfully
Rich^d Kippist

Pr. Asa Gray,
Harvard U.S., &c. &c.

I trust you have passed the winter rather more pleasantly than I have done.

Subscrs. since June

Prof. Eaton. Yale Coll. New Haven Conn.
for Journ Bot., Vol. 17 ——— 18:-

Herbm Columbia Coll, New York
Do Do vol. 17. ——— 18:-

Hort. Soc. Fremont St
do vol. 17. ——— 18:-

Paid Boy for bill May 26, ———
2 + postage ——— 2:14:-
2.6½

Linnean Society,
Burlington House, London, W.

June 12th, 1879.

Dear Dr Gray

I beg to ackn: receipt of your two letters of the 20th & 26th. ult°, the latter enclosing a (Draft on Baring's for £2:16:-, in payment for the three copies of Vol. 17 (Botany) of our Journal, + 2/- postage.

Copies of Nos. 98–101 (all yet publ° of that volume) for the Boston Hort. Soc., Prof° Eaton, and the Columbia College, together with that for the Herbarium of the Harvard University, were dis patched yesterday by book-post. Being, with their accompg plates, rather weighty, they have, I believe, exhausted your supply of

of stamps. The future Nos., & the close of the volume, will however, be regularly sent by book-post, as soon as issued.

With respect to the price at which Trübner's New York House will supply them, I am afraid as Trübner & Co. are not our publishers, we have no control over them, but surely they would not think of charging more than the regular trade price (18/-) to your bookseller. I take for granted that the University must be in constant communic^n with some bookseller in New York.

I am afraid there must have been an oversight in my last account made out when I was very ill — in which I ought to have charged 9/- each for the two copies of vol. 16 supplied to the Columbia College and to Prof. Eaton, but which have never been paid. The price of that volume for the Boston Hort. Soc. having been rec^d May 21st, 1877, by bill on Calmont & Co., I hastily took for granted that the other two copies had also been paid for, but this assuredly is not the case.

Of the Transactions, two parts of the Botanical Section, parts 5 & 6 (the latter issued within the last few days) will be forwarded together with Mr. Wesley, to-morrow or on Monday, addressed in conformity with your instructions.

With thanks for your kind enquiries, I remain

very truly yours

Rich^d Trippett

(Dr. Asa Gray,
F.R.S. L. &c.

In answer to your enquiry I beg to say that a copy of part 1 of your "Synoptical Flora of N. America" was kindly presented by Mr. Bentham, on learning that we had not rec^d a copy from you.

R. Kippist

Linnean Society,
Burlington House, London, W.
August 7th, 1879.

Dear Dr. Gray,

I beg to acknowledge, with thanks, the receipt of your letter of the 16th. ult. announcing that you had forwarded a P.O. order for £1, in payment for the two copies of Journ. Bot., Vol. 17 for Profr. Eaton & Columbia College, together with 2/- for postage of the three copies of the current volume. The P.O. order arrived safely a day or two later, and has been duly cashed.

I have also the pleasure to acknowledge the receipt of the Structural portion of your Botanical Text-book, for which as well as for the Synoptical Flora N.A. Pt. 1 — pray accept our warmest thanks.

Of the Botanical Text-book I have not yet been able to get a

sight; it having been almost immediately torn? by one of our Councillors, who has carried it off into the country with him.

I am happy to learn that the Nos. of the current volume of the Journal arrived safely. The Transactions sent thro' the Smithsonian Agent, Mr. Wesley, will, I trust, reach their destination in due course, if they have not already done so.

Very many thanks for all the trouble you have taken in reference to the three Subscription copies of the Journal, but quite think with you that, in future, it will save a deal of trouble, and in all probability expense, if they are obtained thro' Trübner & Co.

Believe me, dear Sir
Faithfully yours
Richd. Trippitt

Dr. Asa Gray,
F. M. L. S., &c. &c.

July 16. 1891

Victoria Terrace
Wellington N.Z.

My dear Sir

Pray accept my thanks for the copy of your paper 'Notes upon North Amⁿ Plants with descr. of New Species' & 'Descriptions of new Species of Plants from Northern Mexico' kindly sent by you in the early part of the year. They are full of interest. I do myself the pleasure of enclosing copies of a few short papers on N.Z. Plants & specimens of a few new species.

In a short list of "Books for Sale" for wh application is to be made to you I notice the following -
"Botany of the Wilkes U.S. Expl. Exp. Lichens by Tuckerman. Algæ by Bailey & Harvey. Fungi by Curtis & Berkeley: Phanogamia of Pacific north America by Torrey - Bound in one Volume. half cloth"
"Grasses of the Wilkes Expl. Exp. by Sullivant. Bound."
"Sullivants Icones Muscorum & supp^t in Sheets"
129-81 plates

I should be glad to procure a copy of Each if it can be arranged for Exchange. The Abolition of the State Forests Dept. of N.Z. has left me entirely disengaged or I would have gladly purchased
I can offer a copy of the 'Forest Flora of N.Z.' folio issue - on thick paper handsomely bound 160 plates. The entire work will soon be out of print but only a few copies of this large paper issue were made up & they are already valuable. They were prepared for presentation only & are not to be

purchase. A copy was recently forwarded to Professor Svadale so that in all probability you could soon determine if it would be worth your while to make the exchange.

I am preparing a few sets of N. Z. Phanerogams & Ferns for sale - to contain from 500 to 1000 forms @ 45/- per 100. two thirds of our Phanerogams are Endemic & owing to the progress of settlement some are already becoming rare. Would you kindly mention my intention to any likely subscribers?

The present govt. does not regard scientific work with favourable eyes. The staff of the Colonial Museum has been reduced to such an extent that in the absence of the Director there is no person capable of giving an enquirer the slightest information with regard to any doubtful point or to assist in the identification of a plant, animal or mineral. The combined staff of the Geolog. Survey Dept & Col. Mus now consists of the Director (Dr James Hector) one Field Hand, Secretary, Analyst, Engraver & messenger. It would not be easy to carry retrenchment any further.

Believe me to be

Yours truly

T. Kirk

Professor Lesquereux Watson

Curator of the Gray Museum

Harvard University

Prof. Gray

Dr Sir.

No doubt your time, like mine, is constantly intruded upon by applications for information, on points appertaining to your favorite pursuits - With the admonition of my own Experience, to caution me against pursuing such a Course with others I cannot refrain from taking your attention to two or three queries - which are annexed

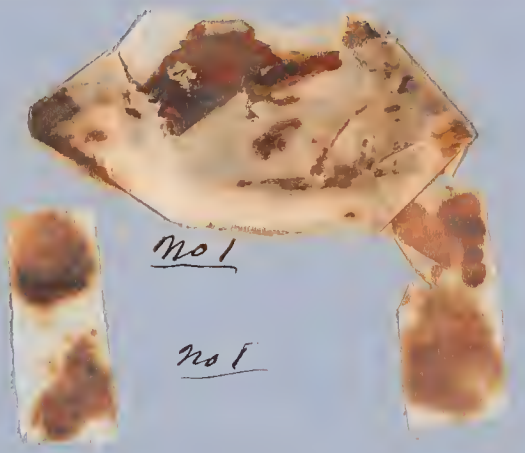
Query 1st. - What is the Nut & Leaf marked No. 1.? The Nut was obtained, by Mrs, Govr Wood, either in Chile or on the Isthmus From it I have reared four plants, which are thriving in my Green House - I have not been able to ascertain its name

Query 2d. What is the specific name of the flowers marked No 2. It proceeds from a bulb, designated as "Sagrymus del Virgo" an Allium I suppose - but I have not the means of ascertaining its Specific name.

Query 3. Would the Berberis Darwinii and the Pavonia Comalensis stand

our northern winters - & pond in open grounds?
The former I have now in flower & the latter I
raised from Mexican seeds - Last summer
it flowered freely & perfected seed.-
Query 4.th Has any one in your vicinity attempted to
obtain improved varieties of the Diospyros Virg.a &
Asimina triloba? - The natural habits of the former I
have broken so effectually, that I have two maturing
their fruits the whole season between the 20th of Sept
& the 1st of April - The fruit of the tree, is sweet,
edible & entirely freed from astringency by the 20th of Sept
a month before we ever, here, experience any frost.
The size of the fruit has in no instance improved.
The Asimina I have not experimented with
but have seen it raised from seed by
other people —

Very truly Yrs
J. P. Kirtland



no 1

no 1

no 2

East Rockport, O. Nov. 15th 1, "O.

Prof. Asa Gray

Dear Sir.

I had taken up the Andrelia and the Sponza before your letter came to hand. To day I have sent them to your address through the medium of the Post-Office and as they are carefully and securely packed I trust they will go promptly and safely & receive. If they are set out, where they are to permanently remain in unshaded localities) and are mulched with leaves & protected with evergreen boughs, they will probably live - but should they fail I will replace them another season. —

Nineteen years since Col. Wilder sent me a plant of a semi-double tree Peony - (the P. Annesleii, Trans. of the Hort. Soc. of Lond. Vol. VI. P. 482.?) - with the suggestion that from its seed I should attempt to produce new varieties. Annually I have raised many seedlings among which are some of great merit - The flower is known down to the whole Horticultural World to surpass even "Col. Wilder" -

Under my management the seeds do not vegetate until the second season. The late Wm. Prince wrote me that he had no difficulty in causing them to vegetate the first season but did not impart the the secret. — Can You furnish me with any hints in regard to it?

the money. Bees work upon the flowers of this species of Pony, with great avidity. It is an interesting fact that since I have stocked my grounds with hundreds of the single and semi-double plants and have augmented my Bee-stocks to about One hundred that the double flowers of the Pony often produce seed - effected no doubt by the pollen conveyed from the single flowers to them.

I spent some weeks, during Feb^y & March last, on the head of the St. Johns river in Florida. The flora is tropical and at that time was rapidly developing. A copy of "Darby's Botany of the South" was among my baggage and enabled me to recognize most of the plants then in flower but thousands not in flower were undetermined. Among them several species of parasitic plants growing on the forest trees. No collections were made owing to the unsettled, unsettled results. -

The vicinity of Lake Harney was a wonderful and interesting Botanic Ground. -

On returning North I spent several days in Charleston S.C. in pleasant communication with my old friends, the Rev^d Dr. Bachman and Prof^r Holbrook - On Good Friday morning I stepped into the Cemetery of St. Philip's Church and there found the grave and tombstone of the late Dr. James McBride, the able adjutant to Dr. Elliott in preparing "The Botany of South Carolina and Georgia" (3rd Preface to vol. II. of said work - page VII & VIII. - In 1821 I subscribed for that work and for a time felt seriously the interruption of its publication, occasioned by the death of Dr. McBride - Between that work and Brg. Torrey's Compendium of 1826 I was enabled to work out most of our Ohio Botany at a period when Botanical works were scarce. -

Dr Bachman informed me that he officiated at the burial of Dr McBride - also that Dr B. had made an extensive collection of plants in the upper districts of South Carolina and Georgia, which, through accident, to reach Dr Elliott, and was ultimately lost. -

You ask what you can send in return for these plants. Nothing is expected - Should you at any time have on hand any new and interesting plant - seed or cutting which you can, with perfect convenience, send me, it would be acceptable.

Above, you have an illustration, that old persons become loquacious. - In their hands pen, ink and paper are dangerous implements.

Very respectfully Yours
S. B. Whitlock.

Kötschach

New Haven, Conn.,
June 2, 1873.

Dr. Gray, —

Dear Sir: Many thanks for your kindness.

I had excluded 478 from L. helianthoides because the leaves & heads were much larger than in any specimen of that species we have here; also the stem is rather pubescent than hairy, and the habit is very stout.

I send you collector's ticket of 493 which says "flowers white"! but our specimen looks as if the flowers were light yellow.

506 has the achenia of Hemizonella pumila. I send you one; they are scarce.

Very truly
Geo. L. Kleberger.

Weaverville, Cal.,
May 9, 1880.

Prof. Sereno Watson,
Cambridge, Mass.

Dear Sir: Your Revision of Liliaceae arrived duly, accompanied by several others of your pamphlets. Please accept thanks.

I have observed something new — at least to me — in regard to our Erythronium here. If I have determined it correctly, it is E. grandiflorum & varieties albiflorum and Smithii. It grows in great profusion here, on the foothills and mountain-

inorements, very slenderly articulated together and to the bulb-like bud from which the season's plant grows. It is very difficult to secure specimens with the root-stock, as it breaks off very easily, and leaves so small a scar that I think even an acute botanist would not suspect its existence. Also, the root stock grows very deep, from 8 in. to two feet.

Now, perhaps you knew all this already; if so, I beg pardon, for intruding; if not, I will send you specimens with root-stock on.

Very Truly Geo. R. Kleeberger.

side, in sunshine and shade. The leaves vary from strongly mottled to perfectly free from mottles; from oborate-oblanceolate to oblong-lanceolate; from undulated margins to not undulated. The lobes of the perianth vary from 3/4 in. to 1 3/4 in long; from soon after opening, hardly at all revolute, to very strongly revolute as the flower grows old; from almost pure white, to creamy-white, creamy-yellow, and light purple, or a mixture of two or more of these. In nearly all cases, they are marked at the base with yellow or orange streaks. The ovaries are not ripened yet but the largest I have seen are not more than 7 lines long. The stigmas are revolute.

All the variations observed seem to be independent of sunshine and shade.

The flowers vary in number from 1 to 3; I have seen none among hundreds of specimens with more than three; commonly one, frequently two, rarely three.

But the discovery: Now describe the roots, — or root-portion of Erythronium stems, — as bulbs or corms. Now, our Erythronium has an obliquely somewhat spiral rootstock, composed of flat, disk-like annual

Atchison Kansas May 6 1891.

Prof. Sereno Watson, Cambridge Mass.:

Dear Sir:

The copy of your "Revision of the Liliaceae" which you kindly sent me came duly to hand and as it was unaccompanied by any statement of cost I supposed you mean it to be gratis. But as I am unwilling that you should be at any special expense on my account as it was by my own request that the valued work came, I enclose the amount of postage, and express my sincerest thanks.

Prof. Kellerman and I have had some correspondence about a form of Erythronium that is abundant here in earliest Spring which I think has been confused with E. albidum, also abundant here but about ten days later in bloom. I have prepared a paper on the subject which will appear in a few days in our College Monthly and I will forward you a copy, with the article marked, which I will be pleased to have you examine.

Very respectfully

E. B. Knerr.

Midland College.

Manchester, N.J. 29 March 1844.

My Dear Friend

I would like to learn whether the cask of living plants came to you in good order & whether they are doing well. —

I have sent you a parcel containing specimens of dried plants & a few seeds for your Botanic Garden, — With your package I have taken the liberty to forward a parcel for E. Tuckerman Esq. of Boston and a box for Prof. Kunze of Leipzig which I hope you will forward without delay, for the box contains besides specimens of dried plants some seeds for the Botanic Garden of Leipzig which ought to have been on the way before now. —

For the trouble of forwarding the box & parcel & the expense of transportation to Boston you will please charge me & I will pay it in any way you may order. — The box & parcel were sent to the care of Wiley & Putnam N.Y.

Could you get some young botanists to work to obtain for me 25 — 50 sets of some of the following species of Carex viz. C. muricata Linn. C. siccata, Dewey. C. sacatilis L. C. caespitosa, Linn. C. maritima, Muller C. scirpoidea, Michx. C. ovata, Bridge C. stricta, Linn. C praecox, Jacq. C tetanica, Schk. C. Careyana, Dewey. C. paniculata, Linn. C. vesticulata, Willd. C. nigra, Allioni C. aristata, R. Br. C. limosa, Smith. C. Greeniana, Dewey. also any of the Rhynchospora genus not found here — If any of the above list where the specific name I would like a specimen for my own Herbarium as I do not possess them

What do you make of my new species of Rhynchospora?
I do not hear that it has come out yet to take
its place among the species of that interesting
genus. Please to let me know something about
it in due time? I have sorted my
Grasses & Cyperaceous plants in sets but have
not yet enough for a continuation of the
Grass Book. There are however several spe-
cies which I have in view & which may be
obtained with little trouble & expense I have
also sets of by far the greater portion of
the species published in the 1st & 2nd parts
of your Grass Book Are there any grasses
about Boston that could be obtained in ex-
change for such as could be procured here?
Shall I send you some living plants this
Spring? & if you say yes what shall I send you?
I hope to make immense collections this season,
I am now fully prepared with rooms to la-
bor at botany night and day — I only lack
a quantity of plant paper for drying & laying
in plants when dried. —
I am also better prepared for being more
familiar with the plants that grow in this
region and with the localities where many
interesting species may be found without
spending time in search after them.
Believe me truly yours R. H. Emerson

MANCHESTER
MAR.
29
N.J.

FREE

P. D. Knieskern, P.M.
at Manchester, N.J.

FREE

Free.

Prof. A. Gray.
Cambridge.
Mass.

Manchester, N.J. June 10th 1845

My Dear Friend!

I have omitted writing to you for a long time because I supposed you had a sufficient supply of Correspondents and other labours to occupy all your time. But I wish to make some inquiries and make some requests I have for once ventured to trouble you with a letter. + I suppose that Dr Torrey has told you that last season in July I visited a few of your old localities such as Quakerbridge — Atsion Wading River Cedar Bridge &c &c — That I obtained a good supply of Scleria laxa from the latter place Croton sp -ois linearis from Atsion and Rhexia Mariana at Bridgeport or Bridgeton, where the Wading River empties into another (the place is perhaps better known by the name of Millian — or Jimmy McKane's) Here I made an unsuccessful search for Vilfa compressa where I understood you had found it in abundance I searched both above and below the Bridge among some cedars on the East side of the Road below the Bridge and also on those little Islets in the marsh where it was scarcely safe to plants one's foot — Will you be so good as to inform more particularly of the whereabouts the locality is for I may visit this region again — At the upper Wading River Bridge I found nothing of interest —

except the large form of Rhynchospora Torreyana and a great abundance of my Rhynchospora Grayana (By the bye has the latter ever been published and if so where?) Between Martha Furnace also and Cedar Bridge I obtained a good supply of Rhynchospora Torreyana both large & small varieties — Rhynchospora Grayana fine and abundant and always either where iron ore had been dug or landed or where it existed in situ — The Oakesia (Eupatorium) Conradii locality has been cut off & coaled and will perhaps nearly or quite eradicate that interesting plant — But I have found it three miles South on the road to McCarty's Ville and also 5 miles South of the same place (Cedar Bridge) on the road to Menahawkin — There is something singular in the appearance and disappearance of Carex Baratii which may account for the plant being so long overlooked by botanists. At is this the first year I was here I collected about 50 specimens nearly all I met with Last season I could have collected 10000 specimens and in places too where I had not before observed but which I had often visited and passed over — This season I have not found a single good specimen fit for collection yet the number of flowerless plants of this species does not appear to be at all diminished

What has become of our friend Oakes I have not heard from him for some time, he has not answered one or two of my last letters. I am under many obligations to him and will not soon forget his kindness — Give my kind regards to our friend Buckermann &c —

Have you any Botanical Pamphlets to spare & to give away? I would much like a copy of the correspondence of Cadwallader Colden — One of your Tour to the Mountains in North Carolina &c &c and anything else new or otherwise interesting. A copy of your (new Edition of the Botanical Text-Book — For which I will collect you any plants seeds &c &c that you may desire. — The fires in the Pines this season have been exceedingly destructive to vegetation having passed over thousands & thousands of acres and destroyed every thing on the surface The frost too has been very severe and the great drought is also very sensibly apparent on the stinted forms of vegitable productions at this time; Please write or send anything you may have for me before the first of July & Please remember too that anything written on pamphlets subjects is to letter postage. — Believe me truly yours

P. S. Buckermann

Prof. A. Gray.

Manchester N.J.
June 16th

Free.

P. D. Knierheim
Post Master

Prof. A. Gray.
Cambridge.
Mass.

Answd June 2d

Manchester, N.J. 28th May 1840

Dear Doctor

Your favour of 21st Inst has been received — Would have answered it but the Mail was in waiting before I could turn myself around. Mr. Torrey is off for New York today and will carry this to drop it in the Post Office in N.Y.

I will gladly comply with your request to forward you anything in a recent state you may desire — Will send the Arenaria next Wednesday — Or perhaps Thursday or Friday when I expect to start to the city of New York for the North — Shall stay in the City a day or two — Please send your commands to My Address Care of My son E.L.H. Thuiskern No 223 Houstown St. New York City — If you could loan me a Trifle and inclose it in your letter of instructions I shall feel greatly obliged & will refund it soon after my return — I have money due from a good man but fear I shall not get it in time to use it on my journey — but will get it soon after my return. Mr Vasey a young Med. Student a devoted lover of Botany expects to

accompany me he lives in Rome Oneida Co.

He would be most happy to send you anything from Oneida Co. especially from his own neighbourhood — You may issue your commands to him with out reserve. You may address him. George Vasey, Esqr. Rome Oneida Co. N.Y. — We shall probably leave Rome on the 15th Inst. Explore along the way to Watertown. Brownville and the Lake shore to and about Sackett's Harbour I desire very much to make up Dr. Crawe or some body else on that region.

If you can give me any special localities of interesting plants I shall be most grateful

Believe me very respectfully

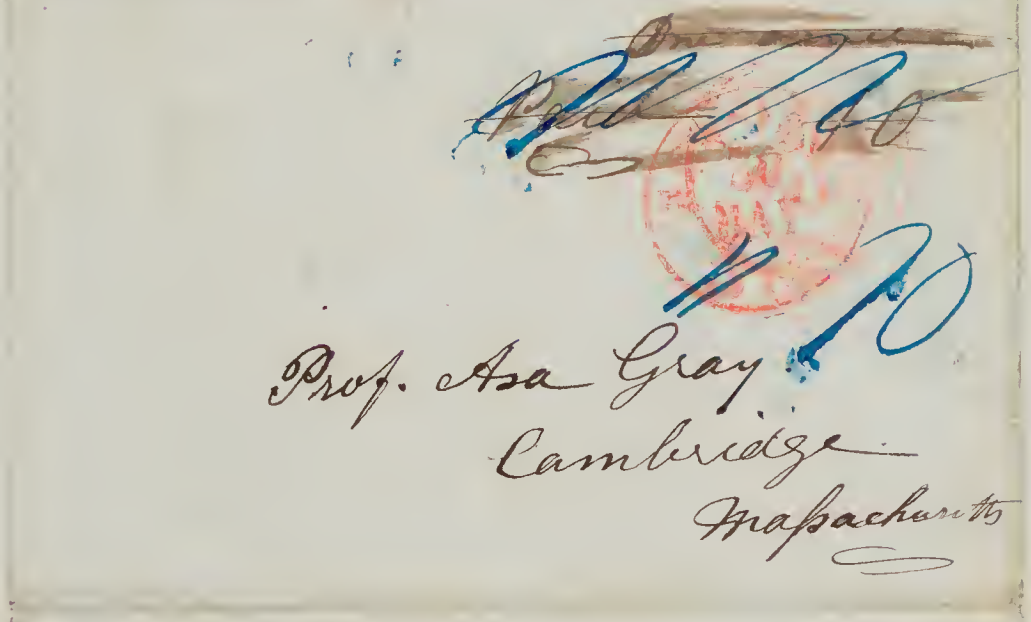
Yours

P. D. Knieskern

Wrentana — ?
what species?

Please not to forget to send to No 223 Hanstown St. N.Y. care of E. K. H. Knieskern for it would come too late to forward your letters to Manchester: We have but one Mail per week here — Yours &c

P.K.



Prof. Asa Gray
Cambridge
Massachusetts

Manchester July 8th 1846

My dear friend

I promised a letter from Watertown and in care of my son at [illegible] according to instruction I called upon F. Carey Esqr got the $10 when at Tabor. Mr Vasey & I visited the Black banks of the East Branch of Fish-Creek some 3 — 5 miles above the Indian Meadows where we once botanized together & in the crevices of high slaty rocks found the two plants I sent you in a newspaper from Adams a few days after. These plants are new to Oneida Co. and I think one of them new to the State of New York — I sent specimens to Dr. Torrey at the same time, which he duly received as I have learned indirectly. The same day or the next following I inclosed the Corrits in a newspaper — It grows on rocks in Watertown and also in Damp Meadows — In the latter places very tall say 5 — 6 feet high — Dr. Crawe did

not appear willing to let me send any thing from his neighborhood but promised to do so himself without fail — We found the Draba arabizans in print at Sackets Harbour — He had not seen it before — While we were there Dr Reid & Vasey found a good supply of Carex Crawei, Dewey. — We also found a good supply of Dracocephalum parviflorum which had not been seen before in 8 years, he will send it. — I think I obtained the Carex Backii (That with the broad foliaceous bract or scale)

Inclosed I send you Carex Crawii and Veronica agrestis in young fruit. —

Please command me any thing in my reach.

Respectfully yours
in great haste
D D Buckton

Rec'd 5

Prof. Asa Gray
Cambridge
Mass.

Manuscript
8 July 1846

Manchester, N.J. 9th March 47.

My Dear Doctor

Your favour of the 27th Ult. & Post marked March 1st has just now come to hand — The check came to hand in due time and by the kindness of Dr. Dorsey I obtained the ready cash. He had it cashed by a Broker in Wall street without being obliged to pay any Discount.

The account was satisfactory —

The second parcel as not yet having come to hand I take to mean the mention I made of hyperacea & Graminea of which I could spare only one set to your Friend. These I have not yet had time to select from the various bundles received from my correspondents — But will do so, as I lay out my sets of the above Orders.

Your request to furnish you with the names of such plants as I have found in New Jersey not before known is fair but will I fear be unsatisfactorily answered; as I am not familiar with what ought or ought not to be found here — Yet a few of these has told me were new to N.J. — or a few appear but in a circumscribed locality

Eleocharis tricostata first discovered on the road between Washington tavern & Quaker Bridge where the road to Hampton Gale diverges from the main road in 1844 and again in 1845 & 1846 near Cedar Bridge in the greatest profusion —

Triglochin linearis, near Atsion N.J. 1841 & 1844

Croton ellipticum near Manchester in wet mud tiny banks of a ditch not at all abundant

Croton capitatum near Manchester in sandy clayey soil with an admixture of vegetable mould rare but more abundant than the preceding — Both first detected in 1844 or 1845 —

Amianthium Leimanthoides in some three or more localities — not new! near Manchester N.Y.

Melanthium Virginicum Ten miles North of Manchester 1845 —

Tofieldia — glutinosa? near Manchester N.Y. 1843

Helonias latifolia, near Manchester N.Y. 1842 — very abundant in several localities —

Asclepias perisplacifolia, Nutt vide Torr. rare Manchester

Fraser Uvularia Mariana Bridgeton, N.J. 1844 —

Rhynchospora (Gray) sp nova near Manchester, N.J. also Wading River Bridge! — Atsion! — near Martha Furnace! also between Martha furnace and Cedar Bridge! — 1843 always found near or among iron ore!

? Celtis not occidentalis I think banks of Toms River only found in fruit 1845 —

Leiotosechaenus macrostachys Torr found here first in 1843 — It appears only in a drained Beaver Dam where the water before draining stood some three feet above the soil, now very abundant and rapidly spreading.

Carex Banattii Torr rediscovered in 1842 in this vicinity is attended with a singular phenomenon, In this season it was rather abundant in some three localities in 1843 more abundant still in 1844 fruiting specimens extremely scarce yet an abundance of the plant not in flower or fruit. In 1845 it was if possible still more scarce — Yet I found it (often a single individual only from near Cedar Bridge to within a few miles of Lawnsville N.J. a range as some 40 miles, (Willis of Hightstown showed me a specimen collected there) In 1846 it again appeared very plentifully and in the best possible state for collecting specimens — May not this circumstance account for the long absence of the plant since its first discovery until found here?

Selenia aurea — found here for the first time in October of 1845 in a circumscribed locality in very dry gravelly & sandy soil —

Saxifraga virginica & Primula Mistassinica } Were both discovered in the same locality by Vasey and myself at Taby Village growing from the rocky face of the banks of Fish creek some 6 Miles above the Indian meadows we once visited together It is in the Town of Smithville Oneida Co. N.Y.

Calypso was found by Wood near Dexter Jeff. Co. Had a specimen sent me by Mr. Hough from Lewis Co.

Carex hyperboreo-arctica? between Watertown and Copenhagen

Juncus A. Tenn found by Vasey at Little Falls (Vt you call it?) hyperboreus?

Rhynchospora Grayana will be examined and described by J Carey Esqr and if you please you may trust it to him to call it R. Tuckermanii — It was dedicated to yourself without the knowledge of name being preoccupied you have the best right to change the name

Very cordially yours W.D. Tuckerman

Manchester N.H.
10 March 1847.

Paid 5

Prof. A. Gray, M.D.
Cambridge,
Mass.

Shark River Monm^th, Co. N.J.
Oct 1.st 1856.

Dr. Asa Gray.

My Dear Professor It is now many years since any direct communication has been received from you. I have done little in collecting plants for a long time my time having been wholly occupied in professional and other pursuits, yet I love the science as well as ever and have yet an immense collection of specimens principally Grasses & Cyperaceous plants on hand. These I would like to dispose of either in exchange for foreign plants of like Orders or for other objects in Nat. Hist. or for a consideration. Though I have done little on collecting I have looked at the vegetation around me and would be happy to contribute any thing in my power for the advancement of Science. About six weeks since I happened to be at Swimming River a branch of Shrewsbury River where I saw what I took to be Limnobium spongiosa, Richard. I saw the same plant at the original locality Braddocks Bay Monroe Co. N.Y. in 1840. I am not aware that it has been found within the limits of the Northern United States except here. I could furnish you the Schizaea pusilla either dried or living having found it abundantly at Toms River some ten years ago and this season some six or eight miles farther North on a branch of Kettle Creek.

I sent you a few living specimens in a newspaper about a week since did you obtain it? The Lygodinum palmatum grows within a half mile of this place but Prof. Chadbourne of Williamstown Mass tells me that he has sent you a supply. I could furnish any quantity of specimens either dried or living. I send you enclosed a fragment of the Limnobium I had no convenience to carry plants at the time

In a newspaper. I also send you today a few more specimens of the Schizaea. Please inform me whether you desire roots or seeds of plants that may be procured here. I do not now live in the Pine Barrens, but some of the characteristic plants are frequently met with even here and the greater part of them some ten or fifteen miles South of this place.

Very Respectfully Yours
P. D. Knieskern.

96 Charles St.

Boston Feby 24. 1877

My Dear Sir,

I was very much gratified by the receipt of your note of the 20th. inst. to learn, that the illustrated work on the Botany of China, which Mr Parkman was so good as to present the Library of the Herbarium of the University in my name, is so much appreciated by you.

I believe I shall be able to furnish you with an English translation of the title; and I may look forward to the pleasure, on my return from Washington early next month, of paying

Professor Asa Gray
&c &c &c
Harvard University

paying you a visit; and saying, that if on my return to Ghuria, I can be of service to you, I will very gladly remain

Very truly
Your Obdt Servant
Francis P. Knight

The Botanical work is called

植物名實圖考

Chih wuh ming shih Tu Kao, literally,

Plates & Examinations of the names & fruits of things which are planted.

It is a modern work, published in 1848 by Wu Ki-sun of Tai-yuen in Shansi. Half of it containing about 1800 carefully executed wood cuts of the plants now known to the Chinese; the rest of it is agricultural, giving directions about cultivating grains, vegetables, and herbs. This edition was revised by Luh Ying-kuh of Yunnan, who pictured & described many plants from that region. It is incomparably the best book on botany by a native Chinese. Though not an ancient work, its superiority has caused it to be sought after by the

native scholars; and possibly the blocks may have been destroyed in some of the internal troubles in China

96 Charles St
Boston May 8. 1871

My dear Sir,

The enclosed paper, having the title in Chinese & English of the Botanical work you were so good as to acknowledge from me — through our common friend Mr Francis Parkman, was furnished me by our best authority Dr S. Wells Williams, who now resides at New Haven.

I hope Harvard 'ere many years may possess facilities for having portions of the work translated for the Herbarium.

And I remain, Dear Sir

Very truly yours

Francis P. Knight

Prof. A. Gray
Herbarium of Harvard University

assist us much in recording
abilities of species - We take an
interest but will find the maps.
very useful - as well as almost
essential for careful & intelligent
Exploration of the country - We will
spend the whole Summer - July 16
Sept. 1st in the mountains -
If you could secure such maps for
us we will be very grateful - and
will see that they are carefully kept &
returned. We would also be pleased
to annotate a Gattinger & Curtiss for
the Herbarium if they can be supplied
to us.

Very Truly Yrs.

Chas. A. Kofoid
Urbana
(Hon. (O.C.'90) Ohio

(Graduate Scholarship in Science)
Asst in Botany + Bot. Lab

Urbana O. May 25 91.

Prof. Geo. L. Kirkwood
Cambridge, Mass.

Dear Sir:-

Of the
prob- arrangements can be made
to aid will probably be a student
in the graduate department of the
University next year. And as the
prospective work of the summer may,
be of interest to you & me you in
regard to it. N.C. Brenckle for. Com.
Dr K.C. Brandes, Painesville O., and myself
are planning a botanical trip to the
Great Smoky Mts of N.C. We wish
to strike new territory new as
possible in that region - botanically.
At present we are thinking of the
east side of the range in Graham
& Swain Cos. N.C. Do you know of

a better Locality for the work?
We have a good outfit — the result
Expense — ~ 12 x 12 tent — Camp stove etc —
1200 miles etc and expect to collect a lot
extensively. In Systematic Botany we both
have done some work — Our herbariums
containing about 8000 — 10000 specimens each —
no. of species increasing slowly — Last
summer was spent in Cheboygan Co
Mich — resulting in 15 additions to Mich —
Smiths printed list of the Flora of Mich.
Prof. Wheeler spent several days in our
camp — and came home for our work —
We have done some collecting in the
Mosses, Liverworts Fungi — but no
identification to speak of —
It has been Mr. B. & myself may be in N. H.
next year we would be glad to place
ourselves under your direction — &
be very happy to do any special collecting
for the University & the Herbarium which
you could suggest to us —
Prof. Britton will probably "encourage" our
collecting by taking a set of our plants"
and we would venture to ask you
as to the possibility of our applying
one of our sets — and perhaps some duplic-
-ates from our present collections at Harvard
toward our expenses there.
My application for fellowship is on file
and the Graduate School learned yesterday
as to our financial status — so I
to say that any help along this line
will be quite an encouragement toward
our trip
Any suggestions as to locality or methods
of work — special collections — botanical
photographs etc will be very welcome.
We take a good camera with us.
There are several things which we
desire very much — and as yet have
not succeeded in obtaining — one is
"Curtis' List of the Plants of N. C." We
have Sartwell's Fern. Flora — and
Topographical maps of the U. S. Geol.
Survey of this region — These would

Leide 16 Mai 1853

Monsieur!

Ci-joint j'ai l'honneur de Vous remettre une caisse de Mousses et un Herbier de Leide de mon ami le Docteur Molkenboer, botaniste infatigable et distingué, qui s'occupe avec M.r Bory de la famille des Mousses et publie actuellement les Mousses de l'Inde orientale. Je prends la liberté à Vous prier de bien vouloir Lui honorer de Vos Mousses Americaines, principalement de la belle collection décrite dans les Musci Alleghenienses, que Vous avez faite avec M.r Sullivant d'Ohio. Je Vous remercie du bon accueil, que Vous m'avez fait; et regrette toujours que le mauvais état de ma santé ne m'ait pas permis de rester davantage de mon séjour à Boston pour en explorer la végétation d'une manière plus complette. J'ai recueilli peu de matériaux et seulement pris me donner une idée superficielle de Votre belle végétation.

Ici, à Leide, existe un herbier pour la flore des Pays-bas, et la direction, M.r Molkenboer, Bory, &c. sont disposés à Vous envoyer ce que Vous en désirerez et seroient aussi à recevoir des plantes de Votre Patrie.

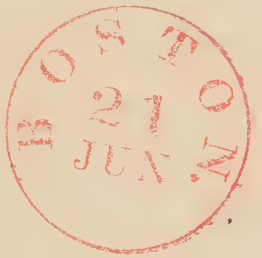
Je ne sais pas encore, quand je pourrai encore une fois traverser l'Océan Atlantique pour Vous rendre une Visite et explorer davantage Vos régions si intéressantes pour la végétation, mais j'espère revoir le Pays où j'ai eu l'honneur d'être accueilli avec tant de bienveillance et où on marche à pas rapides à un développement

comme dans l'histoire du monde, où les hommes se font un devoir de protéger les sciences, d'une manière si efficace, & les cultivateurs d'élite sont infatigables dans leurs travaux.

Acceptez le témoignage de ma parfaite considération, et mes salutations sincères.

Monsieur!

Votre très humbl. Serv.
P. W. Forkel



SHIP 7

Asa Gray Esq.
Prof. of Harvard College
Cambridge / Boston
Massachusetts

p. Zodiac

And Oct. 27.

Leipzig le 18 Decembre 1842.

Monsieur & cher collègue,

J'ai reçu en son temps ce que votre amitié a bien voulu me communiquer par l'entremise de notre ami Mr de Schlechtendal, c. à. d. votre excellente flora jusqu'au 1er cah. du 2. vol. &, le paquet contenant pour Mr Schwaegrichen un fascicule &, pour moi nombre de laiches sèches rares & en partie nouvelles & Asplenium montanum, espèce que j'avois seulement reçu de Mr de Schweinitz. Il me manque encore le rhizome. Quant aux Carex je ferai figures quelques de vos espèces nouvelles p. e. C. Sullivantii & j'attends la note la dessus, que vous en annoncez. Mr Schwaegrich. me dit, qu'il a donné les noms des mousses dans un envoi sur Londres; je l'ai prié, de me donner quelques lignes pour vous &, les voilà.

Il y a un mais, que Mr de Schlechtend. a reçu un petit envoi pour vous de ma part. Vous y trouverez le 2. cah. de mes Carex, mes fougères, Continuat. de Schaubs livr. 1—4 &, un petit nombre de plantes d'Allemagne pour la plus part rares ou nouvellement découvertes. Si vous aviez quelque désiderata de plantes d'Europe, veuillez me les faire savoir. C'est toujours avec plaisir, que je remplirai vos demandes. Quant à moi je vous prie de m'aider de matériaux pour mes ouvrages sur Carex &, les fougères. Depuis longtemps je prépare un synopsis filicum &, j'ai marqué au bout de la presente les espèces de votre pays, qui puissent m'intéresser. Je ne sais pas, s'il y a une énumération plus recente que dans Pursh fl. americ. septentr., dont j'ai profité. Sans doute il aura des espèces recemment décrites qui me sont inconnues, comme presque toutes des bords du pacifique,

dont quelques unes sont publiées par Mr Hooker. Vous m'obligerez beaucoup en me donnant de vos plaines & observations.

J'ai lu avec interet dans le Lond. Journ. of botany, Bravais, l'entrée du rapport, que vous donnez sur votre voyage de l'année passée dans la Caroline. Quant aux nouvelles de notre littérature, vous en serez informé par Mr de Schlechtendal & son Linnaea.

Si Mr Kniestern d'Orixany vous adresse un paquet pour moi, je vous prie de vous charger de l'expédition.

Je désirais bien savoir s'il y a dans votre pays un jardin riche en plantes de l'Amérique du Nord & si peut-être le directeur serait disposé à faire un echange de graines avec le jardin de notre université.

Recevez cher Monsieur & Collègue les assurances réitérées de ma considération la plus distinguée & de mon parfait dévouement. J. Kunze.

Folioles des feuilles de Kunzia.

Equisetum ramosissimum Schlg.!
——— scirpoides
Lycopodium tristachyum Pursh!
——— sabinaefolium & halopteroides
Aphioglossum vulgatum americanum.
——— bulbosum
——— pusillum Nutt.!
Botrychium fumarioides W.!
——— dissectum!
——— gracile
Lygodium palmatum cum rhizomate!
Osmunda Claytoniana!
Polypodium virginianum
Aspidium cristatum W.!
——— punctilobum Sw.!
——— acrostichoides Schlg.!
——— spinulosum, ni fallor
a Woodsia? Cheilanthes vestita.
Onoclea sensibilis obtusilobata Hkr.!
Struthiopteris pennsylvanica,
——— quercifolium sterilis
Asplenium pinnatifidum Nutt.!!
Pteris gravilis!
Woodwardia onocleoides W.!
——— thelypteroides Pursh!
Cheilanthes sepalbata Pursh!!
Hymenophyllum orbiculatum Desv.
Salvinia natans
Azolla caroliniana W.

Amer. bor.

Leipzig ce 7. Janv. 1843.

Cher Monsieur & Collègue,

Je vous félicite de coeur de la place de professeur de botanique & de directeur d'un jardin de botanique, qui vous a été offerte l'année passée & je félicite non moins l'université, qui a trouvée en vous un professeur si savant & en même temps si zelé. Votre lettre du 28 8br, arrivée ici le 30 Novbr. m'a fait un grand plaisir & je vous en sends mille graces. J'espère, que notre délation sera de quelque profit pour les jardins, que nous surveillons. Quant à un échange de plantes vivantes & de graines, je suis tout à vos ordres. Je me hâte de vous envoyer mon nouvel catalogue reçu aujourdhui de l'imprimerie. Je vous prie de faire votre choix aussitôt que possible & de m'envoyer la note afin qu'elle puisse être expédiée en mars. Car plus tard en printemps mon jardinier & les aides sont si occupés, qu'il est presqu'impossible, de faire des grands envois. Quant à mes voeux, il vous sera facile de me communiquer quelques espèces, qui ne se trouvent pas dans les jardins de l'Europe. Consultez pour cela: Sweets hort. britann. nouvelle Edit. de 9. Don 1839. Je préfère les annuelles aux 2 & 4. Vous sendrez ici moitié d'Avril. — Ce qui regarde l'envoi de plantes vivantes, l'arrangement sera un peu plus difficile, afin que les frais de transport toujours considérables & la peine ne soient pas perdues. Comme les fonds du jardin de L. ne sont pas très considérables, je vous prie de vouloir bien prendre égard des suivans. Il sera de rigueur de faire nos envois seulement sur Hambourg; l'expédition sur l'Angleterre & trop coûteuse et moins sure. Les caisses doivent arriver ici moitié de mars à la fin de l'avril, ou en septembre ou octobre; mais je préfère les envois du printemps. Il faut choisir les plantes en repos, grains, palement, bulbes, tubercules, rhizomes etc. L'emballage de mousses ou paille ne soit pas trop humide; car suivant mon experience les plantes dans les transports longs souffrent plus de l'humeur que de sécheresse. On a recommandé envoellement & emballer les plantes ligneuses, bulbes etc. en terre grasse; il ne manque l'experience la dessus. Selon mon opinion il vaut mieux de communiquer notes de désiderata, que de doubles & je commence à vous nommer un bout de plantes desirées pour mon jardin. Faites le même s. v. pl. Les envois peuvent être adressés à la Maison H. F. C. Röding à Hambourg, marqués: plantes vivantes (lebende Pflanzen en allemand.) Cito. &

Je ferai les miens par la même maison à l'adresse, que vous voudrez m'indiquer. — J'accepte avec beaucoup de plaisir le Lygadium palmatum que vous m'offrez vivant. La plante manque dans nos jardins; & je ne possède même dans mon herbier un seul mauvais échantillon envoyé par feu Schweinitz. J'accepte non moins les espèces de fougères que je nommerai ci bas. J'ai profité en quelque part pour mon Desiderata d'un catalogue, qui m'a été envoyé l'année passée de Mr Prince & Co (Linnaean botanic garden and nurseries near Newyork!) & je ne connais pas d'autres ressources pour mon but.

Quant à mes travaux botaniques le 5 cah. de fougères & le 3me de laiches ~~est~~ sont prêtes à vous être adressées. J'ai vu dans le dernier beaucoup d'espèces d'Amérique quelques du midi: t. 21. Uncinia tenuis (Chili) Carex setifolia (Chili) & du nord: t. 23. C. nigra & rariflora (Groenlande) t. 24 C. subspathacea (Grönlande) t. 25. C. Wormskioldiana et Mackenzii Schweint. t. 27. C. Careyana Dewey (vos échantillons) t. 28. C. aestivalis Curt. (Ms.) t. 30. C. Schiedeana n. sp. (Mexique) Parmi les fougères il n'y a pas des espèces de votre pays.

Je serai bien aise de recevoir la continuation de votre flore valdt. l. & 2,3. Jai vu le 1.er cahier. — J'ai reçu nouvellement une collection de plus de 500 espèces de la Caroline du nord, qu'un suisse, Rugel, a ramassées & que Shuttleworth à Berne a nommées & vendues. J'en suis bien content. Il y a quelques espèces nouvelles. Notre ami Mr de Schlechtendal se porte bien. Jai de ses nouvelles récemment & j'irai le voir en quelques jours. Il publie avec Mr Mohl une gazette botanique nouvelle, dont le 1.er n.o n'a pas encore paru.

Connaissez vous Mr Tuckermann jun. qui est venu me voir l'été passé & Mr le Dr Kunze, qui m'a écrit l'année passée & qui s'occupe beaucoup du genre Carex?

Recevez mon cher collègue l'assurance de ma parfaite considération & de mon dévouement.

G. Kunze

Et les plantes sèches, principalem. fougères & Carex de.

Desiderata de plantes [illegible] pour l'Hort. Univ. Lips.

Aroideae, Amer. boreali propriae, exceptis Spec. Americae propriae.

Coptis spec.
Peltandra Virginica
Acorus Calamus
Arum maculatum
Calla palustris
Symplocarpus foetidus
Lysichiton camtschatcense
Orontium aquaticum
Caladium esculentum
Colocasia antiquorum
Arum Dracontium
Arisaema triphyllum
Arisaema Dracontium
Arisaema triphyllum
Arisaema Dracontium
Arisaema triphyllum
Arisaema

To

Professor Asa Gray

Director of the botanical Garden

39/2

Harvard University

Cambridge

Massachusetts

North America

SENATS BIBLIOTHEK HAMBURG 15 FEB 1845

SENATS BIBLIOTHEK HAMBURG 13 JAN 1845

Rund. May 45 Leipzig ce 27. Obr 1844.
1845

Monsieur & cher Collègue,

Je profite de l'occasion, que m'offre le départ d'un de vos compatriotes, résidant long temps dans la maison de notre collègue Mr Reichenbach à Dresde, pour vous adresser quelques mots & la continuation de mes fougères (cur. 6. 7. J'ai reçu en Août de l'année passée votre lettre du 15 Juill. de Gorze; mais j'étois moins heureux quant aux plantes & graines que vous aviez bien voulu m'aviser. Connoissant très bien, comme les choses vont, ou plustôt ne vont pas, dans le trouble des affaires, j'en suis ni surpris, ni mécontent, supposant toujours notre souvenir amical & votre bonne volonté. Quant à moi, j'ai manqué à vous envoyer de graines du jardin, occupé d'une manière extraordinaire pendant les mois du printemps. Mais je tâcherai à vous faire parvenir quelques graines l'année suivante & je joindrai la 4me livraison de mes Cusci, qui va être imprimée en peu de jours. Vous y trouverez quelques bonnes espèces de votre

pays, p.e. C. ônus corvi nouv. esp. de l'herbier de Mr. Shuttleworth & de New-Orleans, trouvée par T. Drummond (n° 432 de ses collect.) & C. lucorum de Willd. (& sicher dis permadeb. Insta Mihi), espèce fort curieuse; enfin C. gymnocarpus Wormsk. de la Grönlande. — Vous m'obligerez beaucoup, en me fournissant, comme vous vous avez proposé, d'espèces des états unis, non figurées en Schkuhr & en état parfait. Mr. Kniesern a eu l'amitié, de m'envoyer dans la caisse, qui a passée vos mains dans ce printemps, une superbe collection de laiches de New York & New Jersey. Mais pourtant il y a encore bon nombre d'espèces des états du midi qui me sont encore inconnues. Si je pourrai, j'ajouterai un petit, désidenld".

Comment marche votre flore? J'ai reçu de votre bonté & trois parties du 2 volume & quant je sais il n'y a pas encore d'autres.

Je suis fort désireux de voir la suite bientôt.

Mr. de Schlechtendal, notre ami, se porte bien & travaille beaucoup. Je l'ai vu chez moi il y a 15 jours, & j'ai de ses nouvelles hier.

Si vous trouviez l'occasion à expédier mes dépêches sur Hamburg, ce serait mieux que sub l'Angleterre ou le Havre. Car les frais sur ces routes, pour paquets & lettres pésantes, sont excessifs.

Recevez, mon cher collègue, les assurances renouvelées de mon estime & de mon dévouement

J. Kunze.

Carex grandis. desiderata

C. Tenera Dew. granulosa des Schw.
— leat. ad. Mr. cheroxensis &
si diffa granulosa Willdenowiana &
— floridana Schw. grandis W.
— folliculata Rudg. refracta Schw.
— macrocephala W. albicans W.M.
— formosa Dew. Elliottii Torr.
— Washingtoniana & ovata Rudge
— collecta & Schweinitzii Dew.
ambl. ad. Mr. Mehx.

Bracteae spicis recentiss. destitutae, quam Kunthii enumeratio.

Ch. Mr. Mary Britton
Mr. Lamb. – Aug 1, 1840.

Leipzig ce 3. Fevr. 1846.

Monsieur & cher collègue,

J'ai reçu en 7br votre lettre du 6 Mai, en Novbr. celle du 22 Octobr. & bientôt après l'envoi intéressant et vaste, dont votre amitié a bien voulu m'enrichir. Agréez pour ces marques de votre faveur l'expression de ma reconnaissance. En revanche j'ai preparé un envoi de 2-300 espèces de plantes sèches, une centaine de graines, tirées de vos désiderata & de mon catalogue de 1845, que j'ai eu même temps ajouté, la dernière livraison de mes fougères & quelque brochures. Vous recevrez tout cela réuni à un envoi de notre ami de Schlechtendal. Parmi les plantes vous trouverez 60 espèces de l'Espagne, recueillies par un de mes disciples Mr Willkomm, qui a fait le voyage en partie à mes frais, & dont les rapports vous aurez vu dans la gazette botan. de Mohl & Schlecht. Les plantes de l'Espagne sont fort recherchées même en Europe & je continuerai mes envois.
J'ai reçu les graines que vous avez voulu m'envoyer en 7br & suivant vos ordres je les ai partagées avec notre collègue de Halle. La plus part se trouve déjà dans notre jardin, mais il y a pourtant un petit nombre qui m'a fait plaisir. Si vous continuerez à me communiquer quelques autres, je vous prierai de choisir les espèces des états occi-

dentales & méridionales. De celles ci vous trouverez quelques unes dans mon catalogue de la Caroline, Floride & Tennessee; mais ce n'est que bien peu & les espèces que vous m'avez envoyées de Texas (sèches) seront presque toutes nouvelles pour nos jardins.

Je vous suis fort obligé de votre botan. Text-book s'dit. C'est un ouvrage consciencieux et fort utile & j'en ai donné rapport dans le répertoire de l'assemblée, redigé par Mr Gersdorf, lui faisant les éloges qu'il mérite. Vas pl. Lindheimer. sont intéressantes & je vous prie, de me faire parvenir la suite du commentaire & des plantes sèches. Dernièrement j'ai echeté de Mr Geyer, residant à Dresde, une petite collection de 140 espèc. de l'Oregon. En variété c'est bien peu; mais c'est une végétation toute particulière.

Quant à votre Carex hybrid &c il est différent de C. ônus cornu, que j'ai figuré, par la forme des fruits & m'était inconnu. Je donnerai la plante dans mon ouvrage, si vous l'aurez décrite.

Je n'ai pas reçu le mémoire de Mr Boott sur quelques Cariches, dont vous parlez & il me manque non plus le petit travail de Mr Tuckerman sur ce genre, que j'ai vu chez Mr de Schlechtendal. De vos journaux je ne vois que Silliman journal, & ce qui ne s'y trouve n'est seulement connu par hazard.

Quant à l'expédition de plantes vivantes, je crains que le temps du transport sera trop long pour tout ce qu'il n'ai pas des bulbes, ou tubera, ou rhizomes & que les fais, même directement sur Hamburg & Newyork, seront très considérables. Il faudrait au moins choisir seulement des espèces, que nous ne possédons pas & qui sont de valeur. L'expédition devrait se faire dans les mois de Mars — Mai. Quant à moi, je désirerais seulement pour mon jardin quelques fougères dont j'ajoute la liste & je vous prie de m'envoyer de graines des phénogames. Si vous pouviez me faire passer une note semblable de ce que vous désirez pour votre jardin, je ferai mon possible de vous l'envoyer. Chez vous peut être l'automne serait la saison plus favorable. — Nous désirons ardemment la continuation de votre flora of N.A. & c'est avec plaisir que j'apprends, que vous songez finir bientôt le 2 volume. L'Asplen. giganteum Forsm on a été fort agréable, je n'en possédait qu'un seul échantillon un peu défectueux reporté par Rugel. Votre Cheilanthes vestita de Tennessee est Ch. tomentosa Lk., le Woodsia de N. York sans doute mfiabula Beck. J'ai reçu de Mr Tuckerman un

Appd. adulatum de vahd pays, qui est A. Braunia-
num Spenner fl. Freiburg. & que je sépare de l'adulat.
& labatum. Je publierai quelques observations la dessus
bientôt. Le g. exh. de mes fougères jamaïcaines à paynes.
Portez vous bien, mon cher collègue & écri-
vez moi votre souvenir amical. J. Hooker

Professor Asa Gray
Botanic Garden
Harvard University
Cambridge
Massachusetts.

Feliciter vivae, boreali americanae, quas desiderat dom. Valentinus Lipsiensis.

Lycopodium canadense
——— sabinaefolium
——— dendroideum
——— alopecuroides
——— inundatum
——— laxum Sulam.
Ophioglossum bulbosum
Botrychium obliquum
——— virginianum
Lygodium palmatum !!
Schizaea pusilla !!
Osmunda interrupta !
Anodea adiantoides
Stenthiopteris pennsylvanica
Asplenium pinnatifidum
——— angustifolium
——— Athyrium Fp.
——— thelypteroides
Allosorus gracilis
Pteris aquilina
Trichomanes radicans !
Hymenophylli 2 Trichomanes spec. !!
Aquilegia canadensis, cui aqua transmittenda !!

Profitant de l'espace je vous donne la phrase d'une

nouvelle fougère de la Louisiane, que j'ai trouvé desséchée dans les herbiers & fraîche dans le jard. roy. de Berlin: de la nomme:

Aspid. (Polystichum) Ludovicianum: fronde tenuiter coriacea oblongo-lanceolata, bipinnata, pinnis sessilis (alternis) brevissime petiolatis, oblongo-acuminatis, patenti-erectis; pinnulis inferis petiolatis, reliquis basi adnatis, decurrentibus, sterilibus ovato-oblongis acutis valde serrulatis, subfalcatis, fertilibus e basi inaequali oblongis, brevissime falcatis, grosse pinnato-dentatis, subpinnatifidis, laciniis dentibusque mucronatophoris, obtusis, dentatis, dorsalis subtus convexis; soris magnis, convexis, brevissime impressis indusiis peltatis, fuscis; rhachibus paris alibusque marginatis, universali stipitegae conspersis.

Louisiana, legit Ludwig. Vidi in herb. Lucaeano.

Species insignis, nulli affinis; analoga A. aculeatissimo Sw.

Mr le Professeur Asa Gray Boston U.S. Leipzig, 24 Juin 1847.

Cher Collègue et ami,

Quoique mes affaires soient très nombreuses, que j'ai toujours soin de les mettre en ordre, je n'ai pas voulu pourtant me prouver incomplaisant envers vous et Mr Lowell, quant à la demande de livres. Leipzig en vérité est la métropole de la librairie, mais seulement pour la littérature courante. Pour les livres anciens il n'a pas, ici des occasions qui se trouvent mieux dans le mi. d'Allemagne. Mais une correspondance pour l'achat de livres c'est impossible dans l'état des choses, où je me trouve. Je vous ai procuré pour cette fois quelques bonnes livres, principalement de Jacquin à de prix fort modérés. J'ai envoyé la note à Mr. Lowell avec les livres, auxquelles est joint un petit paquet de livres pour vous de ma part. Je n'ai pu finir l'affaire que dans les premiers jours du mois, où j'ai expédié la caisse à Mr. Reading. Celui-ci n'a rien reçu pour moi de vous, quoique vous m'annonciez déjà quelques mémoires en Nov. 1846. J'ai vu votre travail sur Carex etc. chez le Dr Klotzsch à Berlin et il m'interesse beaucoup. J'ai vu en même temps le grand ouvrage de Mr. Sullivant sur les mousses qui j'attends aussi Mr Lindenberg. — J'ai envoyé à Mr Lowell une des collections de Hillebrand et je vous ai ajouté mon Chloris austro-hispanica. Touchant les plantes.

Il y a longtemps, que je n'ai pas reçu de vous quelquechose pour mon jardin, qui va s'agrandir comme vous verrez d'un 3e pugillus, que j'ai ajouté. Dans ce moment je suis occupé de l'extraction d'une nouvelle serre, comme les présentes sont toutes plaines. Mais je préfère les plantes de plaine terre, comme celles de votre pays. J'ai reçu (de graines par hazard) le Lygodium palmatum et l'Asplenium pilosiusculum Kaulf. deux plantes qui m'ont fait du plaisir. Je désirai de posséder chez de l'Asplen. angustifolium, d'Osmunda interrupta, Woodw. glabella Bo. Asplen. thelypteroides, montanum, Allosorus crispus et de plant. vivantes de Thuja occidentalis, toutes les Botrychia de votre pays, de Vittaria et d'Azolla. J'ai envoyé quelques observations sur les fougères de votre pays en Angleterre, Espagne et les a traduites et publiées.

Portez vous bien mon cher collègue et envoyez moi toujours votre affectionné ami et dévoué

J. Klotzsch

Monsieur le professeur A. Asa Gray

Harvard univ.

Cambridge